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Hrn  
1906

W. W. TRACY, JR.  
THE HARNDEN  
SEED CO.



KANSAS CITY, MO.  
BOTH PHONES 1618 MAIN





# NOVELTIES AND SPECIALTIES.



## **Russian Speltz or Emmer.**

A wonderfully hardy and productive grain. Grows tall like rye and matures early as barley. Yields twice as much per acre as oats and three bushels to one of barley, actual test for several years. Is much better feed than either, yielding from 40 to 80 bushels of seed per acre, and from 4 to 6 tons of straw hay. Tough and hardy; it stands the drouth better than any other grain, making it a sure crop. Chickens, geese, horses and colts, cows and calves, sheep, lambs and swine all eat it greedily and thrive.

The culture is the simplest. Easy to sow as oats or wheat. Prepare land same as for them and sow at rate of 1 to 1½ bushels per acre. Sow very early and cut as soon as ripe as it shells easily. In green state it makes excellent pasture. Forty pounds are generally given for a bushel, though there is no standard or legal weight for it. Price, 35c per peck, \$1.00 per bushel. Special prices on large quantities.

## **Macaroni Wheat "Kubanka"**

**A WHEAT USED FOR MAKING MACARONI. A WHEAT THAT WILL GROW WHERE OTHERS FAIL. A VARIETY THAT CONTAINS A GREAT PER CENT OF GLUTEN.**

After thorough inquiry among reliable and practical men who have experimented with it, we feel confident that in this new grain we are offering a much needed and valuable variety. Considered in the North a spring wheat. In Oklahoma trials report it winters perfectly. Also in Kansas and the Southern states.

At the South Dakota Stations in the discouraging season of 1900 they yielded about thirty bushels per acre when other varieties made but two to eight bushels. In North Dakota the yield has been several bushels better than the best bred Fife or Blue-Stem wheats. In both these cases the grain was sound, of a clear color, and of a good appearance, though the conditions for 1900 were quite damaging to other varieties in North and South Dakota. Trials made by private parties have given equally good results in Kansas, Colorado, Texas, Idaho and California.

Others tell us it does well on alkali soil and produces crops in dry seasons where others fail.

Trials here in the Kaw Valley, sowed both in the fall and the spring, showed that the fall sowing did not stand the cold winter and failed, the spring sowing did well.

We feel that every farmer in the West should try it. We have a good supply this year and can fill all orders promptly. Prices, per pound, by mail, 15c; delivered at express office or depot here, 5 lb. sack, 30c; ¼ bu. sack 90c; bu. sack, \$1.50; 2 bu. sack, \$2.75. Prices for larger quantities on application.

## **Tennessee German Millet**

In some localities the old stock of German Millet having deteriorated or run out. We can supply **PURE TENNESSEE GROWN** German Millet seed, which we offer at 5c per pound or \$3.00 per 100 pounds. Prices on larger quantities on application.

## **THE OKLAHOMA DWARF BROOM CORN**

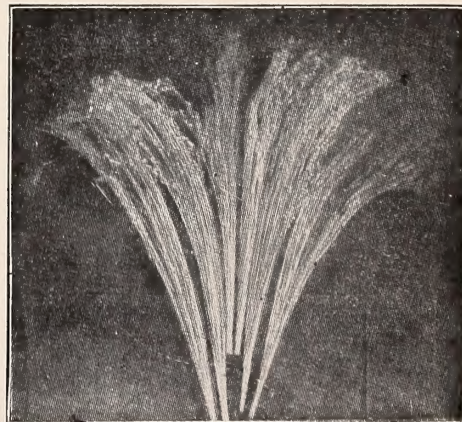
Originated in Oklahoma. Most valuable strain grown there and in the Southwest. Quite distinct from all others in Earliness. Robust habit and extreme productiveness, brush long and well fibered and is a drouth resister.

On new breaking it does splendidly, leaving ground in prime order for fall wheat crop, only slight disking needed to prepare for seeding.

Averages five feet in height, making it convenient for pulling brush. Is a great yielder; one grower reporting several fields yielding one to three tons fine long brush. Seed may be let ripen on brush without injury to latter, removing danger of heating from immature seed in bins.

Stalks make excellent fodder, if cut at once after brush is pulled.

See cut made from actual photograph. Prices, per pound, post paid, 15c. At depot or express office here, per lb., 5c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.



**See our List of Miscellaneous Farm and Field Seeds, Page 51, this Catalogue.**



# NOVELTIES AND SPECIALTIES.



## **The New Rose BABY RAMBLER**

OR THE EVERBLOOMING  
DWARF CRIMSON  
RAMBLER.

The greatest of forcing roses.

Under glass blooms every day in the year.

Successive blooms every day from June until late frosts when grown out doors.

The Most Wonderful Rose Ever Grown. A Mass of Bloom From Early Rose Season Until Late Fall.

2 year old Dormont Plants, \$1.25 each; \$12.00 per dozen; not prepaid. Ready March 15th.

**UNCLE JOHN.** This rose, which attracted so much attention at the recent Kansas City Flower Show, is a profuse bloomer, producing large, beautiful flowers of a light pink shading to a cream on the outer petals. These characteristics with its fragrance make it a universal favorite. 2 year old, each, 50c.

## **Shasta Daisy Plants.**

A hardy perennial, blooming better and more abundantly each season. Can be multiplied rapidly by simple division, and it is not particular as to soil. Blooms for several months. Flowers are extremely large and graceful, with petals of the purest glistening whiteness, and borne on single long, stiff, wiry stems. The blooms when cut, remain perfectly fresh and in good condition for a week or more.

Each 25c—30c post paid.



SHASTA DAISY.

We have added to our business a department of Cut Flowers, and can furnish loose flowers, bouquets, designs, for all occasions either at home or out of the city. Our telephone is 1618 Main, both phones.



**NOVELTIES AND SPECIALTIES—Continued.****CRYSANTHEMUMS.**

We offer a very choice selection of Chrysanthemum Plants of the very finest popular and rare varieties. 15c each; \$1.50 per dozen. Not prepaid.

**GOLDEN WEDDING**

—Of a rich, Golden Yellow color, intense and dazzling. Flowers 10 to 12 inches in diameter, 4 to 6 inches in depth; petals broad and long, double to center, without eye.

**TIMOTHY ETON—**

The largest white in curved variety yet offered. Perfect form, with stout, stiff stems and healthy foliage.

**MME. F. BERGMANN—**One of the finest of all early whites; large, coming into bloom early as October 10th; excellent for pot culture for early flowers.

**IVORY PURE WHITE.**

Good for pot culture.

**GEO. W. CHILDS—**

Rich velvety crimson, excellent for pot culture. The most popular red variety.

**MONROVIA—**One of the earliest bloomers. Flowers good sized and perfectly round, of a pleasing shade of deep yellow, with perfect stem and foliage.

**MLLE. MARIE LIGER—**A very beautiful shade of pink with stout stems, heavy foliage, of French origin.

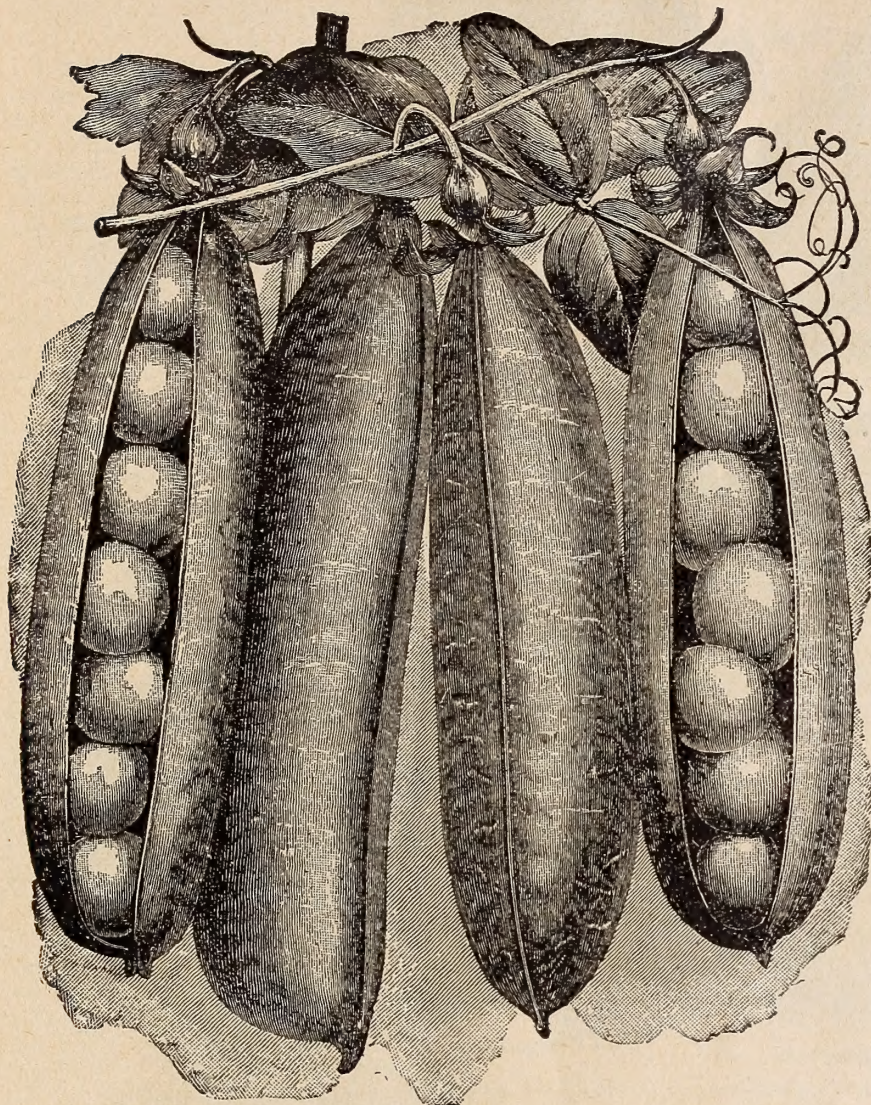
**VIVIAND MOREL—**Deep rosy pink, blooming very freely, and giving as large flowers as many of the newer so-called giants.

**LAVENDER QUEEN—**Soft shade of lavender pink.

**COL. APPLETON—**A very large, bright, deep yellow incurved; of fine finish and form, one of the very best.

**WM. DUCKHAM—**Very large Japanese variety incurved of a most pleasing pink. Vigorous in growth, stout in stem, well clothed with heavy foliage, crowned with a flower eight inches in diameter. It is medium early, blooming about November 1.



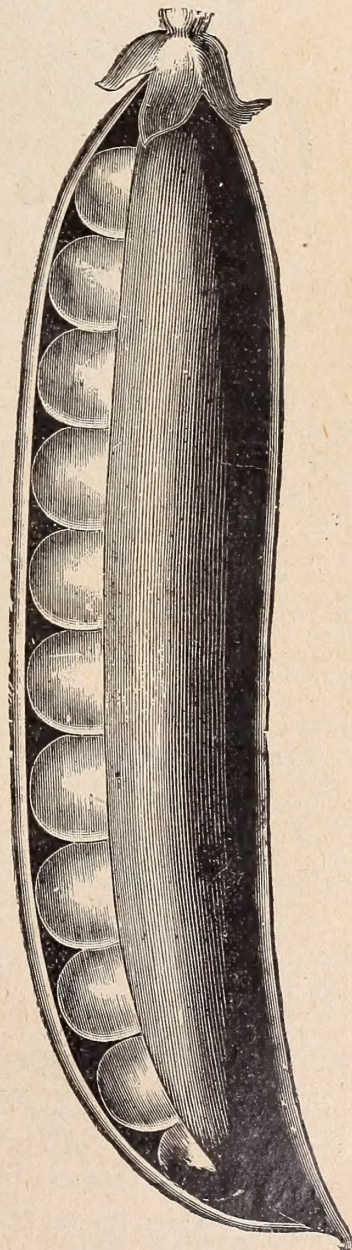
**NOVELTIES AND SPECIALTIES—Continued.****Harnden's Electric.**

**ADMIRAL DEWEY**—The very best, long podded, large vine, wrinkled pea yet introduced. Pods of the largest size, frequently 6 inches in length, rounded in point, deep green in color and well filled with large peas of the richest flavor. Height 3 1-2 feet. Packet 10c; Pint 35c; quart 50c; peck \$2.00, not prepaid.

**THOMAS LAXTON**—Closely resembles the Gradus in habit and rapidity of growth. It is one of the finest early large podded peas, in earliness within a day or two of the earliest of all, containing seven or eight very large peas of the richest flavor. Height 3 to 3 1-2 feet, and one of the finest ever introduced. It is a reliable pea for both market and home gardening. Packet 10c; pint 25c; quart 45c; peck \$2.00.

**LONGFELLOW BEAN**—One of the most recent introductions of first class merit. Very vigorous in growth, bearing in great profusion very long pods nearly straight and nearly round. Texture and quality first class and when picked young almost entirely free from string. Seed small, long, color mostly a dull dark red relieved by blotches and markings of lighter shade. Packet 10c; pint 25c; quart 45c; prepaid.

**HARNDEN'S ELECTRIC**  
—This Pea was introduced by us for the first time during the spring of 1905, and it has proven in every way worthy of the recommendation it was then given. The gardeners who planted this pea find it to be one of the best and quickest growing pea ever introduced. It is similar in habit in growth to Nott's Excelsior. Pods are large, very broad, filled with large tender peas of a most delicious flavor. It is a dwarf wrinkled pea and should be classed among the extra early. Pods long and broad, height 12 inches. Packet 10c; pint, 35c; quart 65c; peck \$2.00.

**Admiral Dewey.**



**NOVELTIES AND SPECIALTIES—Continued.***Harnden's Improved Scarlet Globe Radish.*

We have taken great pains to select for our market gardner friends a fine strain of Radish Seed which would be desirable for hot bed forcing and out door cuture. This radish is mild, juicy and tender, will stand the heat without becoming pethy, top small and one of the most attractive and selling radish on account of its bright scarlet color and shape. It matures in 20 days, and is a money maker for the gar-ner who raises it. For family use sow every ten days in order to have a fresh supply.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c, prepaid. By express, 5 lbs., \$3.00.

**THE EVERBEARING CRIMSON WINTER RHUBARB.** A new vegetable fruit. A new introduction by Burbank. Very different from common Rhubarb. It is fine grained and requires no stringing and, when properly cooked, makes as dainty a dish as any berries on account of its crimson color. Every grower of vegetables or fruits should grow this Rhubarb. It is a rapid and perpetual grower; forms new crowns continually; as fast as stalks are pulled, new ones come on. It is easily grown and requires water only a few times during the season. The new Crimson Winter Rhubarb will produce marketable stock fully six months earlier than any other rhubarb. The stalks average 12-18 inches in length, about  $\frac{3}{4}$ -1 inch in diameter. A pale greenish crimson, turning, when cooked, to a light, clear crimson.

Seed, per oz., \$2.50;  $\frac{1}{2}$  lb., \$12.50; 1 lb., \$20.00. Pkt. 25c.

Roots, 2 year old, 75c each; per doz., \$7.50; by express or mail, prepaid.

1 year old, 40c each; 3 for \$1.00.

*Everbearing Crimson Rhubarb.*



# General List of Vegetable Seeds.

WE TEST ALL OUR SEEDS.

**SEEDS BY MAIL.** We Pay Postage on all Vegetable and Flower Seeds offered in this catalogue by packet, ounce, quarter-pound, pound, pint or quart, unless otherwise noted. We guarantee safe delivery by mail, postage prepaid.

**SEEDS BY EXPRESS OR FREIGHT.** When Seeds are ordered sent by Freight or Express, 8 cents for a pound, 8 cents for a pint, and 15 cents for a quart may be deducted from prices in this Catalogue for these quantities, as purchaser pays express or freight charges when shipment is received.

**PECK, BUSHEL AND BARREL LOTS**—The Freight or Express charges must be paid by purchasers when shipment is received.

**MARKET GARDENERS OR OTHER LARGE PLANTERS** requiring larger quantities of Seeds than are here quoted are invited to write for our **Special Price List**. This list we cannot send to private gardeners, as it is intended only for those who grow for market. In writing, please state whether you are a Market Gardener, Florist, or Dealer in Seeds.

It pays to order heavy seeds and large quantities by Freight or Express, but it must be done somewhat earlier in the season to insure delivery on time.

**IN REMITTING SEND MONEY** by Express, Kansas City Draft, Registered Letter or P. O. Money Order; we also take postage stamps to any amount. Do not ask us to send goods C. O. D. It is more expensive to both parties and we would be obliged to refuse.

## Discounts.

### 1.—ON SEEDS IN PACKETS AND OUNCES.

Purchasers may make selections of seeds in Packets and Ounces at the following discounts:

When sending \$1.00, to the value of \$1.25.

When sending \$2.00, to the value of \$2.50.

When sending \$3.00, to the value of \$3.75.

When sending \$4.00, to the value of \$5.00.

When sending \$5.00, to the value of \$6.25.

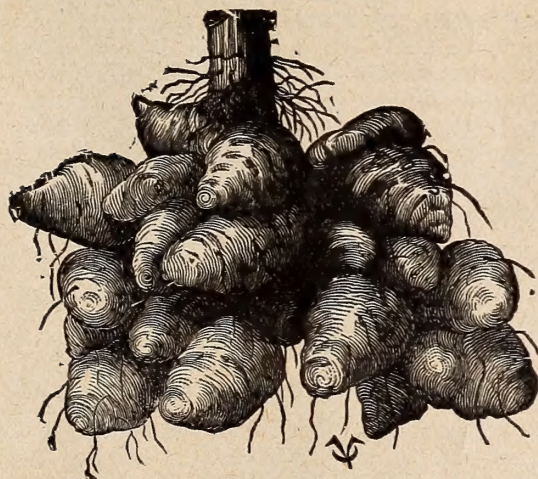
These discounts do not apply to seeds sold in larger quantities than one ounce, nor on

collections, bulbs, plants or tools. For all of these the published price must be sent.

### 2.—ON SEEDS IN BULK.

From catalogue prices by the  $\frac{1}{4}$  pound, pound, peck or bushel (except on grass, clover and other field seeds) when cash is sent with order, purchaser may deduct 5 per cent on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$6.00 to \$10.00.

## Artichoke.



*Jerusalem Artichoke.*

### LARGE GREEN GLOBE.

**CULTURE**—Sow early in the spring at intervals of 4 inches, in drills 1 foot apart, transplanting the following spring to permanent beds in drills 3 feet apart each way.

### JERUSALEM ARTICHOKE.

This variety is cultivated for its tubers which are especially valuable for hog food and known as a preventive of hog cholera. Well adapted to any soil where corn and potatoes can be grown. It requires 12 bushels of tubers to seed an acre. Plant in rows three feet apart and two feet in the rows; cover about 4 inches deep. Will produce 350 to 500 bushels per acre. Per peck, 30c; bu., \$1.00; not prepaid.

## Asparagus.

**CULTURE**—The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. Set out in beds 5 feet wide, three rows in a bed, the outer being each 1 foot from the

edge, and 12 inches in the row; set the plants with roots well spread, about 6 inches below the surface. After the plants are well started give frequent and thorough cultivation. In autumn, after the tops are fully ripe and yellow, they should be cut and burned and a good dressing of manure applied, and in the spring forked in, after which one quart of salt to each square rod put on the ground will be found very beneficial. The next season the bed may be cut over two or three times, but if this is done, all the roots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure and frequent cultivation. For market on a large scale, set 4 feet apart one way and  $1\frac{1}{2}$  the other, to grow plants from seed, sow in drills 1 inch deep in rows 1 foot apart; soak the seed before planting.

✓**CONOVER'S COLOSSAL.** A productive and popular sort, and probably as good as any. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

✓**PALMETTO.** Earlier than the Colossal. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

✓**COLUMBIAN MAMMOTH WHITE.** A new variety with white shoots, stays white without earthing up or blanching. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**ASPARAGUS ROOTS**—By purchasing **GOOD STRONG ROOTS TWO YEARS' TIME IS SAVED.** At prices given by Express, purchaser pays the charges when received.

### TWO-YEAR-OLD ROOTS.

	By Mail, postpaid.	By Express, not paid.
	Doz. 100	100. 1000.
Columbia Mam. White..	35c \$1.25	75c \$6.00
Palmetto. ....	35c 1.25	75c 6.00
Conover's Colossal. ....	30c 1.15	75c 6.00

50 at the 100 rate. 500 at the 1000 rate.

### SPECIAL PRICES ON LARGER QUANTITIES.

**ASPARAGUS CULTURE**—A book giving all possible details as to growing, soil, marketing, canning, etc., for home use or market; cloth, 50c, postpaid.



# Beans.

## Dwarf or Brush, Green Podded Varieties.

Owing to another wet season the bean crop has been almost a failure.

**CULTURE**—The soil best adapted is a light, rich, well-drained loam, which has been manured for a previous crop; do not plant before the ground becomes dry and warm; drop the seed in drills from 2 to 3 feet apart, leaving two to four plants to the foot of row; cultivate them frequently up to the time of blossoming, but never disturb them when the ground or plants are wet with rain or dew; beans should be cultivated very shallow, as any cutting of roots after the plants come into bloom is liable to cause the blossoms to blast. One pint to 100 feet of row; 1 bushel per acre.

### Green Pod Varieties.

**EXTRA EARLY ROUND POD RED VALENTINE.** For snaps there is nothing superior to this variety among the older green podded sorts. These plants are of dwarf, compact bush growth, fifteen to eighteen inches high, very prolific; hardy and early in maturing. Pods medium length, curved cylindrical, with crease in back, fleshy, crisp and tender. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.50; bu., \$5.50; not prepaid.



*Ex. Ey. Round Red Valentine.*

**STRINGLESS GREEN POD.** Earliest Green Podded Bush Bean. For either the market or home garden, no other green podded bean can be more highly recommended. It is very early. The pods are a rich green, very round and straight five inches long. The pods are tender, bright, and of the finest flavor, entirely stringless. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75; not prepaid.

	Prepaid.		Not Prepaid.	
Standard Sorts.	Pkt.	Pt.	Qt.	½ Bu.
Yellow Six Weeks.....	10c	25c	40c	\$1.25
Ex. Ey. Refugee.....	10c	25c	40c	1.50

**BURPEE'S BUSH LIMA.** The bushes grow from 18 to 20 inches high, of stout growth and always erect. It is an immense yielder, each bush bearing from 50 to 200 large, handsome pods, well filled with very large beans, which are identical in size and luscious flavor to the well known large Pole Limas. Per pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75; not prepaid.

**HENDERSON'S BUSH LIMA.** Grows without poles in compact bush form, about 18 inches high. Very productive; two weeks earlier than any of the Pole Limas. Per pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$2.00; not prepaid.

### Wax Podded Varieties.

When not otherwise priced, are each, per pkt., 10c; per pt., 30c; per qt., 45c; postpaid. Per pk., \$1.75; not prepaid.

**DWARF GOLDEN WAX.** Old standard variety; seeds nearly round, purple and white; pods nearly straight, broad, flat, golden yellow, very fleshy and wax-like, with short green point.

**IMPROVED PROLIFIC BLACK WAX.** Beans, small jet black, pods medium length, curved, cylindrical, fleshy, and of a clear waxy yellow color with long, slightly curved point. This bean is more extensively used by the market gardeners than any other variety of the wax sort.

**WARDWELL'S KIDNEY WAX.** Ripens about as early as the Golden Wax; vines large and strong; handsome golden-yellow, long flat pods which are almost entirely free from rust and spots. Pkt., 10c; pt., 35c; qt., 50c; pk., \$2.50.

**NEW ROUND POD KIDNEY WAX BEAN.** This bean is closely allied to the popular Wardwell's Kidney Wax, differing from that variety in that the pod is perfectly round, somewhat longer and entirely stringless. This new sort has great merit and is destined to become one of great popularity with the market gardeners. Pkt., 10c; pt., 35c; qt., 50c; ½ peck, \$1.50; peck, \$2.50.

### CURRIE'S RUST PROOF BLACK WAX.

We recommend this to our market gardeners as an especially good Wax Bean. During the past season when Round Pod Black Wax was so very scarce, our market gardeners tried this variety with success. The pod is of a rich yellow color, but is a flat pod instead of a round pod, fully as tender, brittle and stringless, and comes nearer being an absolutely Rust Proof bean than any other Wax variety.

**DAVIS' KIDNEY WAX.** This plant is a vigorous grower, carrying the pods well up from the ground. The pods are long, straight, oval, of clear waxy-white color and handsome, often growing to a length of seven to eight inches, are quite stringless and of fine flavor. Pkt., 10c; pt., 35c; qt., 50c; pk., \$2.50; not prepaid.

**PENCIL POD WAX.** A new wax-podded bean, early, hardy, very prolific and of excellent quality. Pods are long, straight and round, like a pencil, of a bright yellow color, tender, brittle and absolutely stringless. The seeds are long, round and rather small; color, black. Pkt., 10c; pt., 35c; qt., 50c; pk., \$2.50; not prepaid.



# Jones' Stringless Wax.

A white seeded Variety with round, stringless pods of unsurpassed beauty and quality. This grand **Stringless** bean is **Absolutely Rust-proof**, on all soils and in the most unfavorable season; it is nearly a week earlier than any strain of black wax. The pods are long, perfectly round, and exceptionally solid, of a delicate light color, perfectly stringless, showing no coarseness even when past their prime; retains its brittleness and fine table qualities when nearly matured. If left to ripen, a larger yield of dry beans can be harvested than from the field varieties, and will prove a valuable sort for the farmer as well as the gardener. Pkt., 10c; pt., 30c, qt., 45c; postpaid. Pk., \$2.00, not prepaid.



## Pole or Running Beans.



**LAZY WIFE.** Pods produced in great abundance; measure 6 to 8 inches in length; broad, thick, fleshy, and entirely stringless. Retaining their rich, tender and stringless qualities until nearly ripe. Each pod contains from 6 to 8 round, white beans. Make excellent winter shell beans. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., not prepaid, \$2.00.

**DUTCH CASE KNIFE.** Earliest pole beans; pods long and flat; beans white, of excellent quality green or dry. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.50, not prepaid.

**WHITE CREASEBACK.** Large, long pods growing in clusters of from six to twelve, of a silvery green, of the best quality as a snap. A good cornhill bean. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.50, not prepaid.

**EARLY GOLDEN CLUSTER WAX.** A desirable sort. Pods six to eight inches long, borne in abundant clusters, each containing from three to six pods. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., not prepaid, \$1.50.

**SPECKLED CUT SHORT OR CORN HILL.** Will grow when planted among corn, without poles; good cropper and very popular. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.50, not postpaid.

**KENTUCKY WONDER, OR OLD HOMESTEAD.** A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of the best flavor and are most excellent for snaps. This is one of the best and most profitable beans for the market gardener. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$2.00, not prepaid.

**KING OF THE GARDEN LIMA.** Pods large and frequently contain from five to six large beans. Similar to the Large White Lima, but matures much earlier. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., not prepaid, \$1.75.

We have discarded all varieties of beans which have not proven of superior quality for home garden or market purposes. Any selection from this list of beans will please the most fastidious planter or market gardener.



## Beets.

Our prices are for seeds, postpaid, by mail.

If ordered by express or freight, remember to deduct 10 cents per pound from prices quoted.

### BEETS.

In our trial of Beets for market gardening purposes, while all the varieties listed here are of the best sorts, we have found nothing that would compare with our Electric and the Detroit Dark Red Turnip Beet, and we recommend these to all our market gardeners, as they have given perfect satisfaction.

### Harnden's Selected Stock—French Grown.

**CULTURE**—Cultivation has more effect in the quality of this than of most any other vegetable. To be sweet and tender it must be grown quickly, a result that can only be obtained by having the soil worked deep, made light and rich by the application of well-rotted manure. Sow in drills 18 inches apart and 1 inch deep; thin to 4 inches apart. For winter use, the turnip varieties may be sown in June. One ounce to 100 feet of drills; 4 pounds per acre.

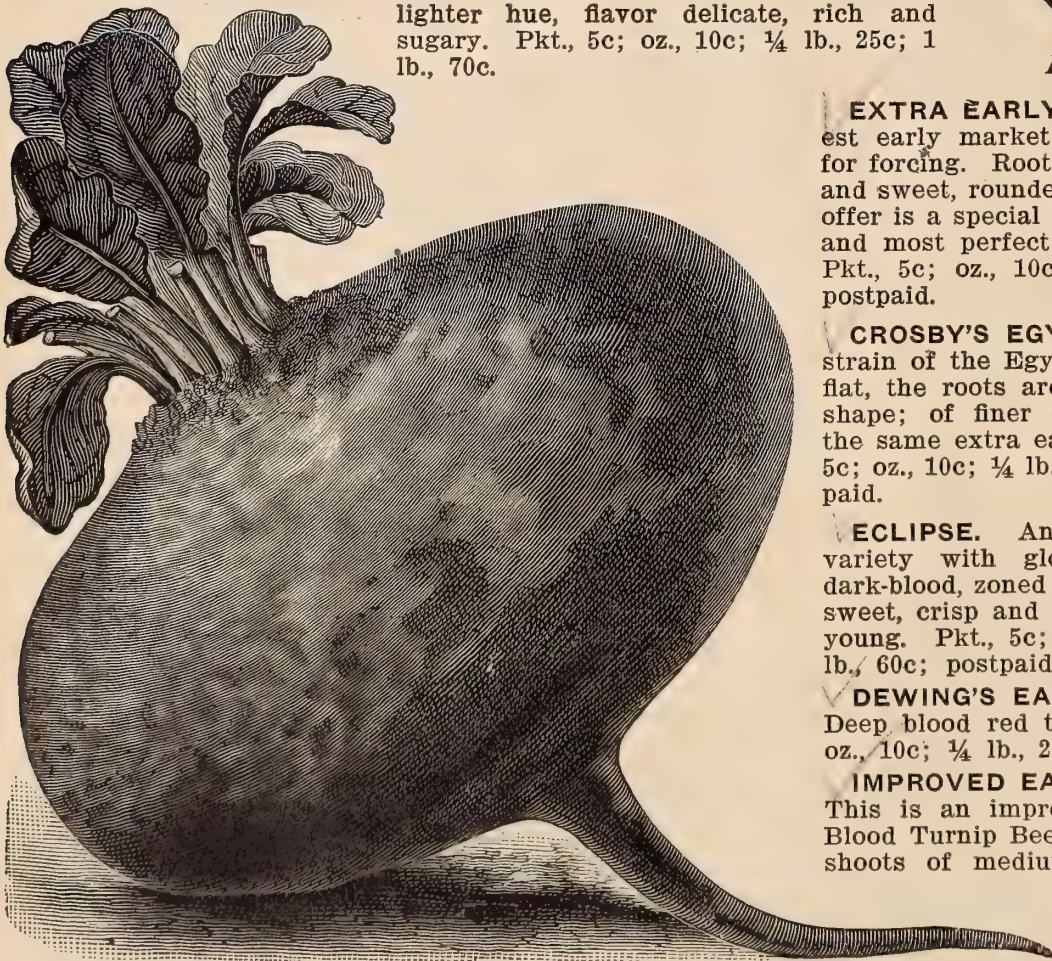
### Detroit Dark Red Turnip.

A grand Beet for bunching for market; tops exceptionally small and uniformly upright; roots are perfect turnip shape with small tap roots. The principal fault with most turnip beets is the occasional appearance of white rings, but by careful selection this has been overcome, and will be found to be one of the deepest red beets. Quality is of the very best, sweet and tender. Gardeners can safely plant it largely. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

### Electric Beet.

**THE ELECTRIC BEET** has again proven to be the best all around Beet for market garden purposes ever introduced on our market. Every person that has tried this superb Beet pronounces it the best Beet in cultivation.

Almost round, leaves small, dark rich crimson, with rings of lighter hue, flavor delicate, rich and sugary. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 70c.



*Detroit Dark Red.*

**EXTRA EARLY EGYPTIAN.** The finest early market sort and best variety for forcing. Roots very dark, red, tender and sweet, rounded on top. The seed we offer is a special selection of the darkest and most perfect roots with small tops. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c, postpaid.

**CROSBY'S EGYPTIAN.** An improved strain of the Egyptian. Instead of being flat, the roots are smooth and round in shape; of finer quality, combined with the same extra early maturity. Per pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; per lb., 60c; postpaid.

**ECLIPSE.** Another very fine early variety with globe-shaped roots; flesh dark-blood, zoned with a lighter red, very sweet, crisp and tender, especially when young. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; postpaid.

**DEWING'S EARLY BLOOD TURNIP.** Deep blood red turnip shape. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; postpaid.

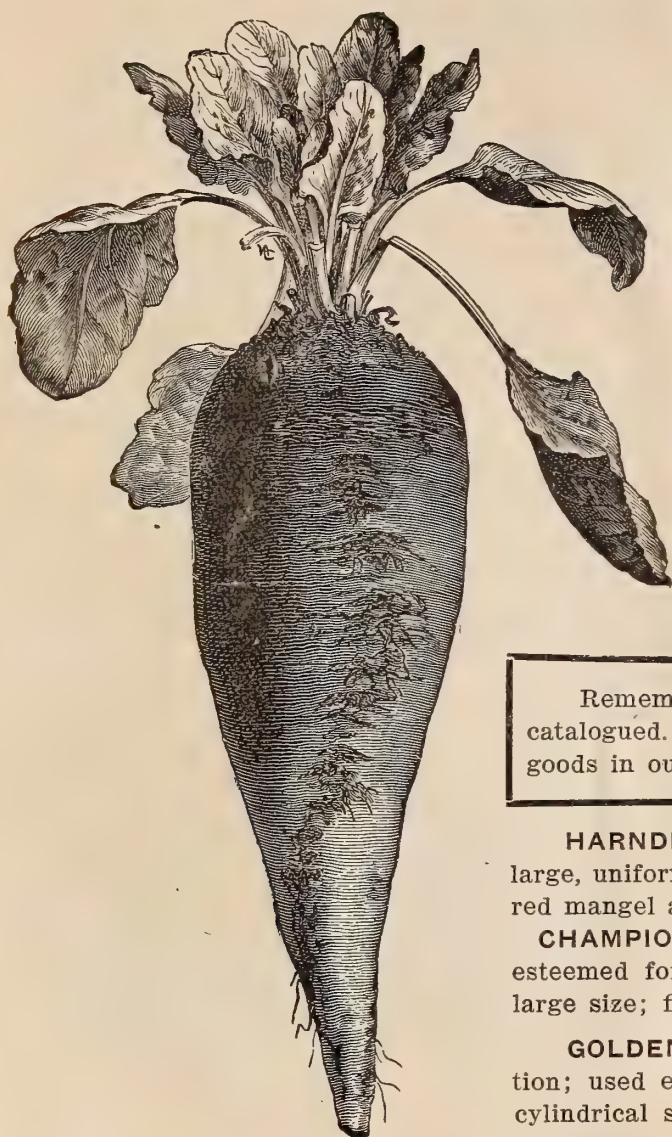
**IMPROVED EARLY BLOOD TURNIP.** This is an improved strain of the old Blood Turnip Beet, having smooth round shoots of medium size, with dark-red flesh, fine grain, very sweet, excellent for summer and autumn use.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; postpaid.

**EDMAND'S EARLY BLOOD TURNIP.** A selected strain of blood turnip beet; deep blood red in color with small tops; handsome appearance, favorite with market gardeners as a late sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb. 50c; postpaid.

**LONG SMOOTH DARK RED.** An excellent late variety, flesh dark red, zoned with lighter shades, remaining tender and sweet until spring. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; postpaid.





## **Mangel Wurzels for Stock.**

**The Most Nutritious and Fatten-  
ing, and best Winter Food  
for Stock.**

Pkt., 5c; oz. 10c;  $\frac{1}{4}$  lb., 15c. 1 lb., 35c Postpaid.  
By express not prepaid, 25c per lb. Write  
for Prices on Large Lots.

**CULTURE**—Sow the seed during April and not later than the last of May. Plant 1 inch deep in drills from 2 to 2½ feet apart, dropping from 6 to 10 seeds to the foot, which will require from 6 to 10 pounds to the acre. When the plants are 3 inches high, thin out with the hoe to 10 to 12 inches. Cultivate well and often, but discontinue as soon as the roots have commenced to form. The roots should be harvested and stored in pits or cellar when ripe, for if left they may start into fresh growth.

Remember there are many things we carry in stock not catalogued. If in want of any kind of garden tools or other goods in our line, call at our retail store, 505 Walnut St.

**HARNDEN'S MAMMOTH LONG RED.** The roots are very large, uniformly straight and heavy cropper. It is the best long red mangel and of the greatest value for stock feeding.

**CHAMPION YELLOW OR ORANGE GLOBE.** Much esteemed for its smooth, globe-shaped roots, which grow to a large size; flesh white; an excellent keeper.

**GOLDEN TANKARD.** One of the finest mangels in cultivation; used extensively in England for dairy farming; of almost cylindrical shape. Color deep yellow.

If you raise Poultry you ought not to be without a patch of Sugar Beets.

## **Sugar Beets.**

**VILMORIN'S IMPROVED SUGAR.** An improved French sort, medium, containing the largest per cent of sugar of any known variety, and therefore the most desirable beet for the sugar factory. Grows below the surface.

**LANE'S IMPERIAL SUGAR.** This beet grows to a large size, will yield almost as much in bulk as the best mangel, and contains a large percentage of sugar. The roots are smooth, free from small rootlets, broad at the shoulder, and gradually taper to the base. Grows partially above ground. Smooth, whitish-green skin, snow-white flesh.

## **Swiss Chard Beet or Summer Spinach.**

A distinct vegetable and much superior to the common beet for greens and equal to spinach. It must be remembered, however, that the roots are of no value as beets. Sow early in the spring in rows 16 inches apart and afterwards thin out the seedlings to 6 inches in the rows, it is much superior to spinach. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

## **Chicory.**

**CULTURE**—Sow in drills half an inch deep, in rich, mellow soil; the after-culture being the same as recommended for carrots.

**LARGE ROOTED.** Roots of fine form, the chicory or commerce, used to adulterate coffee. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

Use the Mathews Garden Drill and Wheel Hose to plant and cultivate your best crop. See Page 53



## ***Cabbage.—Long Island Grown.***

**CULTURE**—The cabbage, to be well grown, requires a deep, rich, loamy soil. For early use, sow the seed in hot-beds in February or March, or it may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in rows. For late or winter use, the seed should be sown in May, and the plants set out in July, 2½ by 3 feet.

We have spared no pains to obtain for our planters the best grades of Cabbage Seed grown.



*Early Jersey Wakefield Cabbage.*

**EARLY JERSEY WAKEFIELD.** The earliest and hardest heading of first early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardiness not only to resist cold but other unfavorable conditions, insures the greatest likelihood of profitable and satisfactory results. Head conical, very compact, solid and of excellent quality. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., \$2.00.

**HARNDEN'S LARGE HEADING WAKEFIELD.** Similar in every respect to the Jersey Wakefield except that it is very much larger, and not quite so early. Heads not quite as much pointed. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$2.00. (Remember this variety does not grow uniform in shape.)

**ALL HEAD EARLY.** The best early flat head cabbage. Deep, flat, solid heads, uniform in color, shape and size. Heads grow so compactly and free from spreading leaves that fully one thousand more cabbages can be grown on an acre. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

**EARLY SPRING.** Nearly as early as the Wakefield and more productive. This famous Extra Early French Cabbage (Early Paris Market) is the type of the Early All Head, resembling it in habit of growth, but it is smaller and nearly as early as the Wakefield. It is round in shape, slightly flattened and very solid. Pkt. 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**EARLY WINNIGSTADT.** One of the best for general use, being very hardy and sure to head. Owing to its compact and upright habit of growth and peculiar texture of short, thick leaf, the variety seems to suffer less from the cabbage worm than any other sort. Heads regular, conical, very hard, and keep well both summer and winter. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**EARLY SUMMER, SELECTED STOCK.** About 10 days later than the Early Wakefield, but being fully double the size, it may be classed as decidedly the best large Early Cabbage, and is deservedly popular with market gardeners. Equal in weight to most of the late varieties. Keeps a long time without bursting. Heads round, not pointed. Pkt., 5c; ½ oz., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

**EARLY FLAT DUTCH.** A standard second early variety; heads round, flattened and of excellent quality. Pk., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

**ALL SEASONS.** Solid, compact; nearly or quite as early and larger than Early Summer. Pk., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

**LOUISVILLE DRUMHEAD.** Large late variety; well adapted to growing in Southern latitudes, and a great favorite among market gardeners. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

**SUCCESSION.** This cabbage is called a late, although very little later than Early Summer; larger size, however, and a sure header. Valuable acquisition for second early variety. Pkt., 5c; 1 oz., 25c; ¼ lb., 60c; lb., \$2.00.

**DARK RED ERFURT.** Earlier than the Red Dutch, a most excellent sort for pickling. Pkt., 5c; oz., 25c; lb., 65c.

**IMPROVED RED DUTCH.** (Red Drumhead.) Used exclusively for pickling; heads flat and solid; color, deep purple. Pkt., 5c; oz., 25c; ¼ lb., 65c.

**EARLY ULM SAVOY.** Very early and of fine quality. Heads round, beautifully crumpled, solid and of a deep green color. Pkt., 5c; oz., 25c; ¼ lb., 70c.

**SLUG SHOT KILLS CABBAGE WORMS. TRY IT. 5 pounds 35c, 10 pounds, 65c, not prepaid.**



## **Cabbage.—Continued.**

**HARNDEN'S PREMIUM LARGE LATE DRUMHEAD.** Round, large, compact heads; good for fall and winter use. Pkt., 5c; 1 oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**HARNDEN'S PREMIUM LARGE LATE FLAT DUTCH.** We have taken great pains in the selection of this strain, and have sold it to our market gardeners for a number of seasons. It has given universal satisfaction to every one who has tried it, maturing well in our climate, and produces large and compact heads. For general crop this variety cannot be excelled. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**SURE HEAD.** Remarkable for its certainty to head; it produces large, round, flattened heads, which are very hard. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**ST. LOUIS LATE MARKET.** An extremely large and solid heading variety, well suited for fall and winter. It forms large, handsome heads which will keep in the best condition for a long time. We recommend this sort for markets that require a very large solid head. Our seed is grown by a very reliable Long Island grower and can be depended upon to be pure. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.



*Hollander or Danish Ball Head.*

### **Celery.**

**CULTURE**—Sow in drills and tread the seed firmly in; thin out to an inch apart and keep the ground well worked and free from weeds; shade the young plants for a week or ten days and do not let the soil dry out. In order to secure stocky plants, cut off the tops once or twice before transplanting, which should be done before July, after the plants have attained a height of 4 to 6 inches.

**DWARF GOLDEN HEART.** One of the best keepers through the winter. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50; postpaid.

**WHITE PLUME.** This handsome sort is valued because naturally the stalk and portions of the inner leaves and heart are white; the whiteness does not show, however, until the plants are about one-third grown; it is unsurpassed for all use and the earliest celery in the market. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**GOLDEN SELF-BLANCHING.** Similar to the White Plume in its self-blanching characteristics, but of a deep golden yellow color. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50; postpaid.

**GIANT PASCAL.** Grows about two feet high; the stalks are very broad, thick and crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance. It bleaches very easily and quickly. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50; postpaid.

**CELERIAC, or TURNIP-ROOTED CELERY.** Sow seed same as Celery. Transplant in rows two feet apart, nine inches in the row. Thorough cultivation is necessary to secure good roots. Earthing-up is not necessary. Roots may be cooked or used as salad.

**GIANT SMOOTH PRAGUE,** a very large and smooth variety, free from side roots, a desirable sort for market, and an excellent keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

## **Hollander or Danish Ball Head Cabbage.**

**HOLLANDER OR DANISH BALL HEAD CABBAGE.** Hard as a rock, heavy as lead, greatest weight in the smallest space. This splendid variety is remarkable for its solidity and grand keeping qualities. The heads, although not quite so large as Premium Flat Dutch, are equally as heavy and superb in quality. This extra weight in limited space will be appreciated by those who grow for distant markets. This variety has been sold under a number of different names, but the correct name is "Danish Ball Head." Price of Genuine Danish Seed, pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 oz., 45c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.



*White Plume.*

**Celery for Profit by Greiner—Paper, postpaid 20c.**



## Cauliflower.

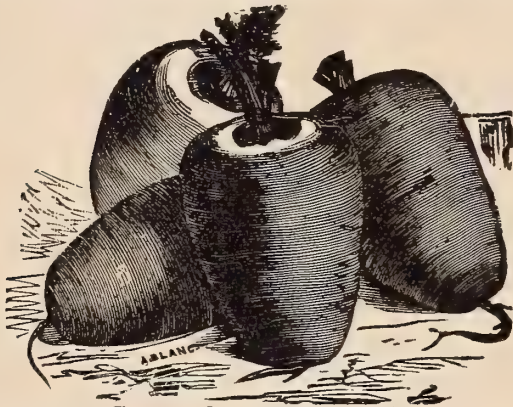


*Extra Ey. Dwarf Erfurt.*

**EARLY SNOWBALL.** Esteemed by market gardeners for its earliness and heading qualities, producing large, solid, pure white heads; dwarf in habit and as early as any; one of the best sorts for forcing. Pkt., 20c; oz., \$2.50.

**EXTRA EARLY PARIS.** Heads are of uniform size, solid and blanch easily, but are not so large nor of so fine quality as the Erfurt type. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; 1 oz., 75c.

**AUTUMN GIANT.** A large late cauliflower, producing white compact heads. Pkt., 5c; oz., 60c.



*Guerande or Ox Heart.*

**GUERANDE OR OX-HEART.** (Stump rooted.) Comparatively short roots, but often reaching a diameter of several inches. Flesh bright orange, fine grain and sweet. This is a desirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 60c; postpaid.



*Early Carentan.*

**LARGE WHITE BELGIAN.** Grows one-third off the ground. Root pure white, green above ground, with small top. It will grow to a very large size, on light, rich soil, and is very easily gathered. Flesh rather coarse; is raised exclusively for stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c; postpaid.

**EARLY HALF-LONG CARENTAN.** (The best bunching carrot.) A new deep scarlet variety, without core. It is excellent for forcing; of fine quality and perfect shape; tops very small, roots cylindrical. The finest and sweetest carrot listed. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; postpaid.

**DANVERS.** Flesh sweet, crisp, tender and of a bright orange color. Valuable both for table use and for stock feeding. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; postpaid.

## Carrots.

**CULTURE**—Sow seed thinly in drills of  $\frac{1}{2}$  to 1 inch deep early in the spring, making several sowings to afford a succession. For garden culture, sow in rows of 16 to 18 inches apart, and for field culture 18 to 24 inches. When well started, thin out the early sorts to 8 to 10 to the foot, and late varieties from 4 to 6 inches apart in a row. A sandy loam, made rich by manuring the previous year, is the best soil. Avoid sowing on a newly manured ground, which has a tendency to produce forked roots. One ounce of seed to 100 feet of drill; 3 to 4 pounds to the acre.



*Chantenay.*

**CHANTENAY.** A stump-rooted variety; flesh deep orange color, solid, tender and of excellent flavor. A variety of which the market gardeners should plant for their main crop; a heavy cropper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; postpaid.

**IMPROVED LONG ORANGE.** The most popular of the older sorts for farm use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c; postpaid.



## Sweet Corn.

✓ **EXTRA EARLY ADAMS, or BURLINGTON.** This is not a true sweet corn, but produces ears well filled with tender white grains. It is very early and on account of its hardness and hard, round grain it can be planted much earlier than sweet corn. Pkt., 10c; pt., 20c; qt., 30c; postpaid. Pk., 90c; bu., \$3.00, not prepaid.

✓ **EARLY ADAMS.** Same as above, but not as early.

✓ **MAMMOTH WHITE CORY.** Ears larger than common Cory, and two or even three to the stalk. Claimed by the originator to be the largest and best extra early sweet corn in existence. The grains are in twelve rows, and the ear is symmetrical and handsome, with no openings between the rows at the base. Grains large and white and of remarkably good quality for such an early sort. Excellent for market. Pkt., 10c; pt., 25c; qt., 35c, postpaid. Pk., \$1.00; bu., \$3.00, not prepaid.



*Early Champion Sweet Corn.*

✓ **EARLY CHAMPION.** The Earliest Large Sweet Corn Grown. This variety is the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. It is 10 and 12 rowed and pure white in color; sweet and tender. Pkt., 10c; pt., 25c; qt., 35c; postpaid. Pk., \$1.00; bu., \$3.50; not prepaid.

✓ **CROSBY'S EARLY.** A most excellent variety and remarkably early; ears of large size, medium length. Pkt., 10c; pt., 20c; qt., 35c; postpaid. Pk., \$1.00; bu., \$3.50; not prepaid.

✓ **EARLY EVERGREEN.** The best second early sweet corn, possessing every good quality of the Stowell's Evergreen, and resembling it in every respect. Matures ten days earlier than the Evergreen. Pkt., 10c; pt., 25c; qt., 35c; postpaid. Pk., \$1.00; bu., \$3.50; not prepaid.

✓ **COUNTRY GENTLEMAN SWEET CORN.** A medium late variety of Sweet Corn; one of the best for private use; kernels very deep, placed irregularly but compactly on the cob, the cob itself being very small. Pkt., 10c; pt., 25c; qt., 35c; postpaid. Pk., \$1.25; bu., \$4.00; not prepaid.

✓ **STOWELL'S EVERGREEN.** The best late sweet corn in every way, being large eared, hardy

and productive, sweet and tender, remaining a long time in condition suitable for cooking; there is no other late sweet corn which can compare with it. Pkt., 10c; pt., 25c; qt., 35c; postpaid. Pk., \$1.00; bu., \$3.50; not prepaid.

We offer the following standard varieties:

	Prepaid.			Not prepaid.	
	Pkt.	Pt.	Qt.	Pk.	Bu.
✓ Early Minnesota. ....	10c	20c	30c	\$1.00	\$3.50
✓ Early Mammoth. ....	10c	20c	30c	1.00	3.50
✓ Shaker's Early. ....	10c	25c	35c	1.00	3.50
✓ Egyptian or Washing-					
ton Market. ....	10c	20c	30c	1.00	3.50
✓ Old Colony. ....	10c	20c	30c	1.00	3.50
✓ Mammoth Late. ....	10c	20c	30c	1.00	3.50

## Pop Corn.

**GOLDEN QUEEN.** Ears long golden yellow, kernels long and of good size. In ear, per lb., 20c, postpaid. Per 100 lbs. shelled, \$3.00, not prepaid.

**RICE POPCORN.** A splendid variety for "popping" purposes; grains sharply pointed. In ear, per lb., 20c., postpaid. Per 100 lbs., shelled, \$3.00, not prepaid.

## Cress.



*True Water.*

**CURLED OR PEPPER GRASS.** This small salad is much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Sow thickly in drills sixteen inches apart. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c; postpaid.

**TRUE WATER.** This is quite a distinct variety of cress, and only thrives when its roots and stems are submerged in water. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small streams. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.



## CUCUMBERS.



**KLONDIKE CUCUMBER.** The above is a reproduction of a photograph of the Klondike Cucumber. This we offered as a novelty last season, and it has proven in every way a valuable acquisition, producing cucumbers for every purpose for which cucumbers are used; averaging from 6 to 8 inches in length; uniform in size; dark green color; retaining its color, and a very prolific yield. One of the best for home gardens, and a good market garden sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**LIVINGSTON'S EVERGREEN.** An improved type of Evergreen; fruit medium size; rich, deep green skin; a favorite early variety; fine for table use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**IMPROVED LONG GREEN.** A standard late sort; fruit dark green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**IMPROVED ARLINGTON WHITE EPINE.** This is the strain so universally popular for growing under glass, the earliest and, by far, the best forcing strain; uniform in size; color, a rich green with light green spines. It is not only the best for forcing, but is unsurpassed for open ground. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**EXTRA LONG, OR EVERGREEN WHITE SPINE.** Beautiful in shape and color. Fruit long and cylindrical, dark green; flesh white, crisp and tender; finest quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**JAPANESE CLIMBING.** Vines are of healthy, vigorous growth with rich, dark green foliage, and throws out strong grasping tendrils, which enable it to climb trellis, wire netting, brush or any other suitable support. Of large size, cylindrical shape; flesh pure white; skin dark green, turning to brown and netted when ripe; of excellent quality for slicing. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

### Kale or Borecole.

**CULTURE**—Cultivate the same as cabbage. For summer and fall use, sow in April and transplant in June; for early spring greens, sow in September; 2 pounds per acre in drills; 3 pounds broadcast.

**DWARF GREEN CURLED GERMAN.** (Siberian Kale.) Very hardy, the main sort planted by gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**DWARF GREEN CURLED SCOTCH.** Leaves of a bright green, very tender and closely curled, rarely exceeding 18 inches in height, but spreading out, under good cultivation to 3 feet in diameter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**TALL GREEN SCOTCH.** Finely curled, even more tender after being touched by frost. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

We offer the following:

	Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
Chicago Pickling. ....	5c	10c	30c	\$1.00
Early Cluster. ....	5c	10c	30c	1.00
Early Frame. ....	5c	10c	30c	1.00
Peerless White Spine. ....	5c	10c	30c	1.00
Green Prolific. ....	5c	10c	30c	1.00
Gerkin. ....	5c	15c	50c	1.50

### Endive.

**CULTURE**—For early use sow in April. For the main crop sow in June and July, and when up an inch or two, transplant to one foot apart each way.

**GREEN CURLED.** Very hardy, with dark green curled leaves; tender and crisp. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**MOSS CURLED.** Handsomely curled; fine quality; a desirable sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**BROAD LEAVED BATAVIAN.** Large heads of broad thick leaves; if bleached, the inner leaves make a fine salad. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.



Endive—Green Curled.



## LETTUCE.

**CULTURE**—For general crop, sow out-doors as early in the spring as the ground can be worked, in drills 18 inches apart, and thin the young plants to 4 inches apart in the row. As the plants begin to crowd, thin them out and use as required. Keep the soil constantly loose by frequent hoeing. One-fourth ounce to 100 feet of drill; 3 pounds per acre.



*St. Louis Market.*

**S. T. LOUIS MARKET.** A large cabbage variety, used extensively by market gardeners. It can be planted the year round for forcing or open ground, and is a fine variety

for home gardens. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**LARGE HANSON.** Forming a large, flat head; outer leaves bright green with prominent light colored veins; inner leaves white and usually curved and twisted at the base. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25; postpaid.

**CALIFORNIA CREAM BUTTER.** This is one of the best of the summer varieties of Head Lettuce. A strong growing sort with large green leaves marked with scattered brown dashes. Sometimes called Winter Lettuce. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25; postpaid.



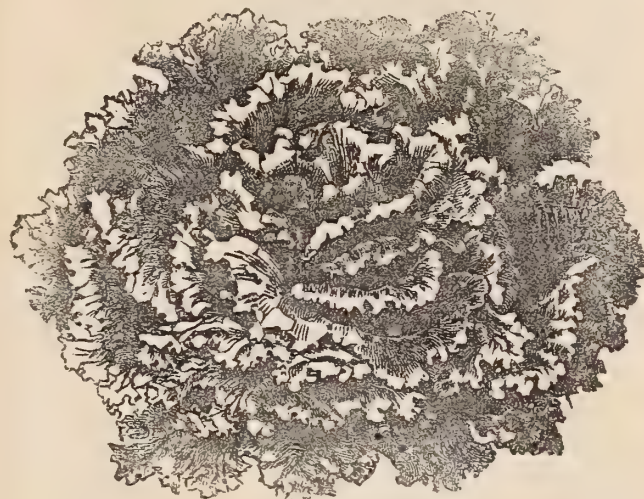
*California Cream Butter.*

**BLACK SEEDED SIMPSON.** A standard variety for forcing and early outdoor culture. It forms large, loose clusters of leaves of light yellowish green color; the leaves are large, thin, very tender, slightly ruffled and blistered, the inner ones nicely blanched and even the large outside leaves are tender and of good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**BIG BOSTON.** A very popular variety with those gardeners who want a large heading forc-

ing sort, and also for outdoor winter culture. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**GRAND RAPIDS FORCING.** A forcing variety; especially adapted for greenhouse culture in the winter, for which it has no peer. A strong grower, very tender, and will keep from wilting longer while exposed for sale than any other sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.



*Grand Rapids Forcing.*

**DENVER MARKET.** An early variety of head lettuce, either for forcing or open ground; forms large heads of a desirable light color. The leaves are beautifully marked and blistered like Savoy Cabbage and are very crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**PRIZE HEAD.** The leaves are very large, crimped, bright green tinged with brownish red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00; postpaid.

Standard Sorts.	Postpaid.			
	Pkt.	oz.	$\frac{1}{4}$ lb.	1 lb.
Early Curled Simpson....	5c	10c	30c	\$1.00
Early Curled Silesia.....	5c	10c	30c	1.00
Boston Market.....	5c	10c	30c	1.00
White Cabbage.....	5c	10c	30c	1.00

**HARNDEN'S NO. 20.** This is a Curled Lettuce, more adapted for forcing than for outdoor culture; seeds white, of very thick growth, and little liable to rot. Plants upright, leaves formed in clusters, and loose head—a good shipper. If you force lettuce in a greenhouse, you should try this variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**KANSAS CITY FORCING.** A very popular variety, originated on our market in Kansas City. Used largely by our market gardeners, either for open ground or forcing. Light in color; sometimes called Golden Forcing, and resembles the Denver Market, but not quite as near a head variety. This is used largely for forcing. Price: Per oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

HAVE YOU TRIED ENDIVE, THE WINTER LETTUCE? YOU WILL LIKE IT.



*New York Improved.*

## EGG PLANT.

**CULTURE**—Sow in March or April in a hot-bed; transplant when 2 inches high into a second hot-bed, or let them remain and thin out to 4 inches apart. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. When the weather becomes settled, transplant into the open ground, 2½ feet apart, each way. One ounce to 1,500 plants.

### NEW YORK IMPROVED.

The best in cultivation; large, round, dark purple and very productive. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

**BLACK PEKIN.** Globe shaped; skin is almost black; flesh white and of good quality; very early.



## Leek.

**EARLY WHITE VIENNA.** Best early variety for table; bulbs white. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**EARLY PURPLE.** Similar to the last, except in color. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

**AMERICAN BROAD LEAF.** This variety is more largely used in this country than any other; plant strong, with broad leaves. Pkt., 5c; oz., 15c; ¼ lb., 35c.

**GIANT CARENTAN.** Grows to immense size; broad leaves; one of the best; hardy. Pkt., 5c; oz., 15c; ¼ lb., 40c.

## Musk Melons.

**CULTURE**—Melons thrive best in light dry, sandy soil; plant in hills 6 feet apart each way, 10 seeds in each hill; remove 2 to 3 inches of soil where the hill is desired, and fill in with well-rotted manure, then replace the soil 4 inches high, raking the hill rather flat. When the plants have made the second pair of leaves, thin out to 4 in a hill. If the plants grow very rank, pinch off the ends of the shoots when about 3 feet long. One to two ounces to 100 hills; 1 to 1½ pounds per acre.

**ROCKY FORD.** Oblong, somewhat similar to the Netted Gem. Grow very uniform in shape and size, weighing from 1½ to 2 lbs.; skin green and thickly netted; flesh of a light green color and very sweet; a good shipping variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c; postpaid.

**CHAMPION MARKET.** The melons are almost a perfect globe in shape, and densely netted, weighing from 4 to 5 pounds each; flesh light green in color, of a rich, sweet flavor; an excellent shipper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**PAUL ROSE.** Flesh firm; a rich orange red color, like that of the Osage, but sweeter and more highly flavored. In size it is just the melon for hotel and table use. One of the best sorts for home gardens, as well as for professional growers. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25; postpaid.

*Chicago Market.*

**CHICAGO MARKET.** This deservedly popular variety has been steadily growing in favor and holds its own against all melons in the market. Nearly round, flattened at the ends and deeply and regularly ribbed; skin green, densely netted; flesh light green. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid.

**EXTRA EARLY HACKENSACK.** A variety possessing all the good qualities of the well known Hackensack, but at least ten days or two weeks earlier. The melons weigh from 4 to 10 pounds each, are of nutmeg shape, heavily netted and have a light green flesh. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid.

Standard Sorts.		Postpaid.	
	Pkt.	oz.	¼ lb. 1 lb.
Jenny Lind. ....	5c	10c	35c \$1.25
Early Green Nutmeg.....	5c	10c	25c 1.00
Netted Gem Round.....	5c	10c	25c 1.00
Emerald Gem. ....	5c	10c	30c 1.00
Baltimore or Acme.....	5c	10c	30c 1.00
Montreal Market. ....	5c	10c	30c 1.00
Netted Gem Oblong.....	5c	10c	30c 1.00
Large Green Nutmeg.....	5c	10c	30c 1.00



## Selected Watermelon Seed.

If ordered to go by express or freight at purchaser's expense, deduct 8c per lb.

**GEORGIA QUEEN.** As a market sort and for shipping, the best ever produced. A cross between the Duke Jones and the Kolb Gem; has the handsome appearance of the former and the firm shipping qualities of the latter. The rind is of dark green color with indistinct stripes of a little light color. The average size large. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid. 5 lbs., \$2.50; not prepaid.

**KOLB'S GEM.** Attains a weight of from 25 to 50 lbs.; flesh bright red; solid, sweet and luscious, fruit round or slightly oval, marked with irregular mottled stripes of dark and very light green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c; postpaid. 5 lbs., \$2.00; not prepaid.

**GEORGIA RATTLESNAKE OR GYPSY.** Standard Southern variety of large size, possessing very remarkable shipping qualities; oblong, square at the ends; scarlet flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid. 5 lbs., \$2.25; not prepaid.

**COLE'S EARLY.** This is an extra early melon of oval form, small in size, handsomely striped with light and dark green, of good quality. Desirable for home use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid. 5 lbs., \$2.25; not prepaid.

**McIVER'S WONDERFUL SUGAR MELON.** The sweetest melon grown. Attains a great weight; has handsome appearance; never cracks or loses its fine flavor in the wettest season. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; 5 lbs., not prepaid, \$2.50.

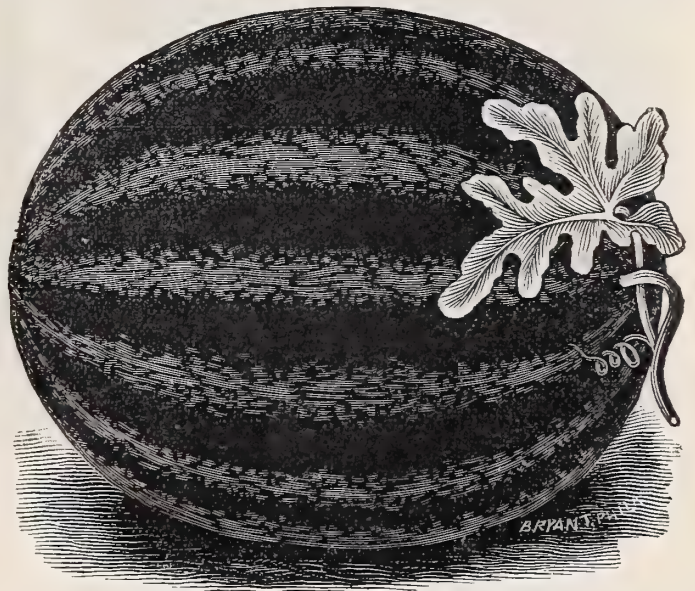
**THE DIXIE.** A cross between the Kolb's Gem and the Mountain Sweet; far superior to the former; larger, earlier and much more productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; postpaid. 5 lbs., not prepaid, \$2.50.

**DUKE JONES.** One of the largest and most productive melons. Solid dark green skin, of firm appearance; solid red meat. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 60c; postpaid. 5 lbs., not prepaid, \$2.50.

**BLACK DIAMOND.** A cross between Kolb's Gem and Hoosier King, one of the most prolific Watermelons ever planted. Color rich, dark green, almost black; symmetrical in shape, roundish to bluntly oval; uniform throughout the field; in size they are very large. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 60c; postpaid. 5 lbs., not prepaid, \$2.50.

Standard Sorts.	Pkt.	oz.	Postpaid.	
			$\frac{1}{4}$ lb.	1 lb.
Seminole. . . . .	5c	10c	15c	50c
Florida Favorite. . . . .	5c	10c	15c	50c
Phinney's Early. . . . .	5c	10c	15c	50c
Pride of Georgia. . . . .	5c	10c	15c	50c
Mountain Sweet. . . . .	5c	10c	15c	50c
Cuban Queen. . . . .	5c	10c	15c	50c
Peerless or Ice Cream. . . . .	5c	10c	15c	50c
Triumph. . . . .	5c	10c	15c	50c

**SWEET HEART.** Fruit large, oval, uniformly mottled, light and dark green; rind thin, but firm; flesh red, solid, melting and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c; 5 lbs., \$2.75, not prepaid.



*Blue Gem or Iceberg.*

**BLUE GEM OR ICEBERG.** In shape and appearance it is similar to Kolb's Gem. The melons are uniformly large and of a thick oval form; color, dark green, with faint stripes of lighter shade, but much darker than Kolb's Gem. Flesh, deep pink. It is an excellent shipper; large and solid. Flesh crisp and entirely free from stringiness, of a sweet, sugary flavor. Seeds black, plump and hardy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c.

**THE NEW BRADFORD.** This melon is grown largely in the South, where it is cultivated in hundreds of acres. It resembles somewhat the Florida Favorite, both as to shape and the color of rind. Flesh, bright crimson; seeds, white, with slightly burnished edges. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 50c, postpaid; 5 lbs., \$2.00, not prepaid.

**KLECKLEY'S SWEET.** Large oblong melon; skin dark green; flesh, bright scarlet; very sweet and sugary; one of the best melons that has been offered. If you have a home garden you can't afford to be without this. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 70c; 5 lbs., not prepaid, \$2.50.

Our seed is grown for us by professional seed growers and must not be compared with seed saved from "left over" or cull melons.





*A Bed of Mushrooms.*

## Mushroom Spawn.

**CULTURE**—Any dark room or pit where the temperature can be kept from 50 to 60 degrees will do for the culture of mushrooms. In preparation for a mushroom bed, procure soil from an old pasture, and fresh horse manure, free from straw or litter, and mix thoroughly in proportion of three parts of horse manure to one of loam; previous to mixing, the manure should be turned a number of times to get rid of the heat; make out of this compost a bed 8 to 10 inches deep, pressed solidly; let the temperature recede until it reaches about 90 degrees, then plant pieces of spawn the size of a walnut in holes 2 or 3 inches deep and 6 inches apart each way; cover the holes, pressing the dirt solid. At the expiration of ten days, cover the whole with 2 inches of fresh loam and over this spread 3 or 4 inches of straw, hay or litter; in about eight weeks the mushrooms make their appearance. If the surface becomes dry, wet with warm water. One brick of spawn will plant 8 or 9 square feet.

**ENGLISH SPAWN.** 1 lb brick, 35c, postpaid; 10 lbs., \$2.00, not prepaid.

## *There is Money in MUSHROOMS.*

### **Robinson's Mushroom Culture.**

A book bound in cloth, giving directions how to prepare mushroom beds and raise mushrooms. Postpaid, 50c.

## Mustard.

**SOUTHERN GIANT CURLED.** Highly esteemed in the South, where the seed is sown in the fall and used in the spring as salad. Our stock is the true curled leaf, with dark green leaves, edges of which are finely curled. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 70c; postpaid.

**BROWN OR BLACK.** The common small-seeded variety. More pungent than the White. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 35c.

**WHITE.** Best for culinary purposes and for salads. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 35c; postpaid.

## OKRA OR GUMBO.

**CULTURE**—This vegetable is extensively grown in the Southern states, where its long pods, when young, are used in soups or stews, and are served like asparagus. In hills or drills 3 feet apart and thin out to 3 plants in a hill.

**IMPROVED PERKINS' GIANT GREEN POD.** A new Okra esteemed by canners and market gardeners. It is a great improvement on the old green podded sorts. Large handsome green pods; fine quality; very productive; 4 to 5 feet tall. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

**WHITE VELVET.** The pods of this variety are not ridged or square edged, but are round and smooth, and much larger than the other sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.

**DWARF GREEN.** Plants of dwarf, stocky growth, wonderfully prolific, and mature pods ready for use ten days to two weeks earlier than the tall varieties; pods 3 to 4 inches in length, and heavily ridged. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; postpaid.

**TALL GREEN.** Height, 5 feet; plant in rows of 3 feet and let two plants stand to the foot. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.



*Perkin's Mammoth Long Pod.*

**We Carry  
POULTRY SUPPLIES  
INCUBATORS,  
BROODERS.**

*See Poultry Supplies in Back of  
this Catalogue.*



## ONIONS. A Strictly High-Grade Strain of Seed.

The onion crop has been almost an entire failure, especially the red varieties, and we make the following prices subject to variations. If in want of larger quantities for sowing sets or more than pound lots, write us and we will make you our very best price.

**CULTURE**—Full size onions may be grown from the seed fully as well, much more cheaply and only little later than from sets. For this purpose from 4 to 5 pounds of seed per acre are required. Sow the seed thinly one-half inch deep in drills, one foot apart, and thin out later, leaving about 8 plants to the foot. The first hoeing should be given, just skimming the ground between the rows, as soon as they can be seen the length of the row, but do not ridge up to the growing bulbs. For sets, sow 80 pounds to the acre.



*Large Red Wethersfield.*

**FLAT YELLOW DANVERS.** Like the Globe Yellow Danvers, but rather more flattened. One of the best keeping onions grown; flesh white, fine grained, firm and mild; perfect in shape and a large cropper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.35; postpaid.

**YELLOW STRASBURG OR DUTCH.** Bulbs quite flat, of good size; skin rich yellow, turning to brown when exposed; ripens early; flesh white and of mild flavor; keeps well. It is one of the very best to grow for sets. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c; lb., \$1.35; postpaid. By express, 5 lbs., \$4.00.

**EXTRA EARLY WHITE PEARL.** A pure silvery-white onion of very quick growth, frequently maturing in seventy days from sowing the seed. Bulbs are flattened, of medium size, with silvery-white skin; flesh crisp and mild in flavor. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75; postpaid.

**WHITE PORTUGAL OR SILVERSKIN.** An early flat white variety; mild flavor; excellent for growing sets; one of the best for pickling. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00; postpaid.

**NEW WHITE BARLETTA.** The earliest variety of the small white onion, being from two to three weeks earlier than the White Queen; it is of a beautiful silvery white color, flesh firm and very mild. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75; postpaid.

**WHITE BERMUDA.** This is the onion that has been recommended so highly for Southern growers. Grows to an immense size; the skin is very thin, white and fine-grained; of mild and pleasant flavor. Our seed of this splendid variety is Teneriffe grown and absolutely pure. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**EXTRA EARLY RED.** The earliest of all red onions; flat in shape. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.60; postpaid.

**LARGE RED WETHERSFIELD.** The standard variety so largely used for commercial purposes, good size, an immense yielder; deep red color; fine keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.60; postpaid.

**SOUTHPORT WHITE GLOBE.** One of the handsomest onions grown and rapidly taking the lead in our market; a large yielder, mild in flavor, clear white skin and in every way to be recommended; one of the best varieties to sow for early bunching. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50; postpaid.

**SOUTHPORT RED GLOBE.** Similar to the White Globe except in color; they are perfectly globe-shaped, more so than the Globe Danvers, of handsome appearance and heavy croppers; excellent keepers; a very desirable sort. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50; postpaid.

**YELLOW GLOBE DANVERS.** A favorite variety in the East, where it is grown almost to the exclusion of all other sorts; bright yellow in color, a perfect keeper and a heavy yielder. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.35; postpaid.

**PRIZE TAKER, OR SPANISH KING.** Like nearly all Spanish onions, this makes extra large size onions and of particularly fine flavor. The outside skin is a rich yellow straw color, and the flesh is pure white, sweet, mild and tender. Ripens up fine and hard, and makes a very handsome and attractive onion. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**MAMMOTH SILVER KING.** An Italian variety of special merit; remarkably early of large size and fine quality. A popular variety in the South, where it grows to an enormous size; white flesh; shape flat; mild and delicate flavor. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

### ONION SETS.

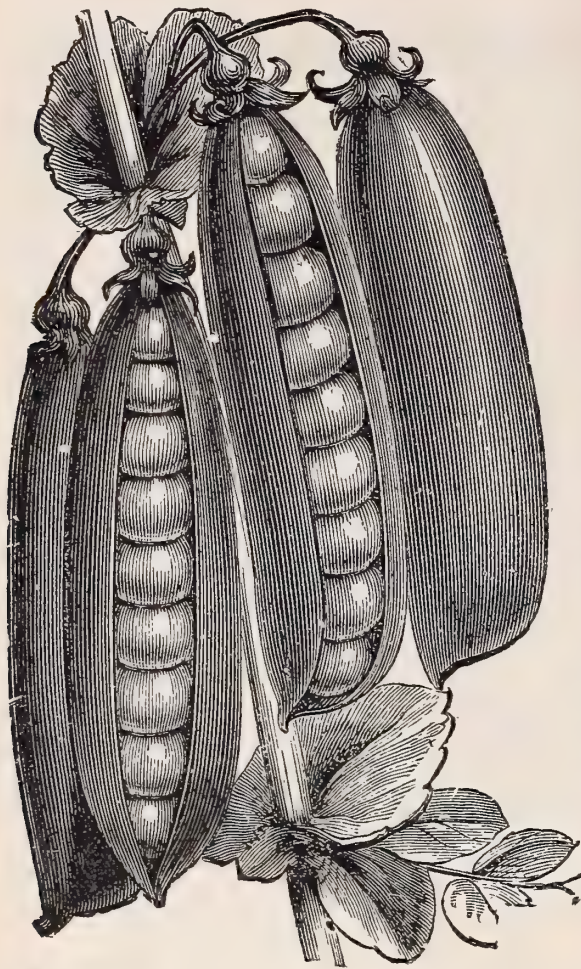
Write for special prices on large lots. Prices variable. Top sets, 28 lbs. per bushel; bottom sets, 32 lbs. per bushel.

	Not Postpaid.	Prepaid.
	Qt.	Bu.
Top or Button sets.....	30c	\$3.00
Bottom onion sets, red or yellow.	25c	2.25
Bottom onion sets, white.....	35c	2.50
White Multipliers. ....	30c	3.00
Garlic sets. ....	25c	2.50



## PEAS.

### *The Crop of Peas is Very Short.*



*Harnden's Extra Early.*

✓ **NOTT'S EXCELSIOR.** It resembles the American Wonder, but the vines are larger and more vigorous. A desirable sort for the market and home garden. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$1.75, not prepaid.

✓ **PRIDE OF THE MARKET.** A week earlier than the Strategem, resembling it in habit of growth; the foliage and pods are, however, of a deeper green; pods well filled with very large and finely flavored peas; height, 2 feet. Per pkt., 10c; pt., 25c; qt., 45c; postpaid. Per pk., \$1.50, not prepaid. (Crop short.)

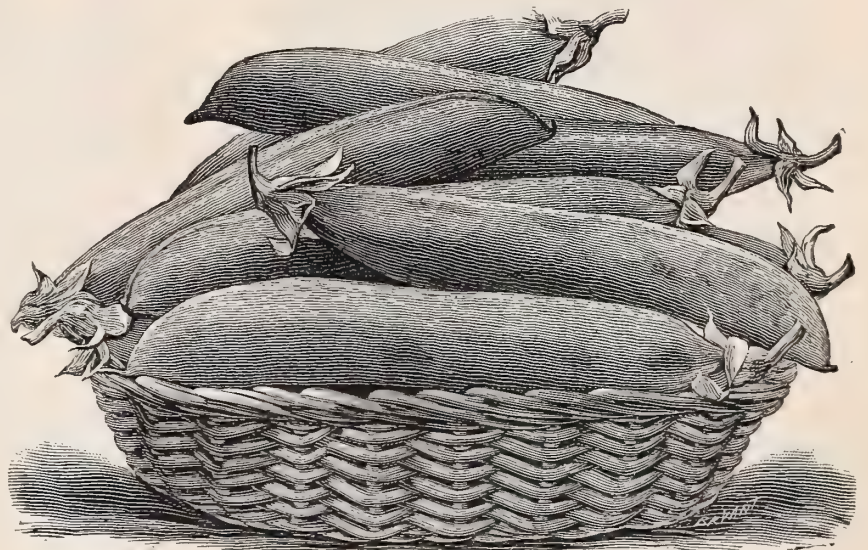
✓ **HORSEFORD'S MARKET GARDEN.** A fine wrinkled variety; the best second Early Pea ever introduced; vines uniform in height, even and regular in growth, extremely prolific, bears its pods always in pairs, and has yielded at the rate of 50 bushels per acre. We recommend it highly to every gardener. Height, 2 feet. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.25, not prepaid.

✓ **HARNDEN'S EXTRA EARLY.** For years this pea has been grown in and around Kansas City by the market gardeners, with the best of success, and we consider it the earliest and most productive pea grown. Seeds round; pods well filled, and ripen uniformly; height, 2½ feet; seeds white and slightly dented. Ninety per cent of these pods can be taken at the first picking. Per pkt., 10c; per pt., 25c; per qt., 40c; postpaid. Per pk., \$1.25, not prepaid.

✓ **AMERICAN WONDER.** The earliest of the wrinkled sorts; grows about nine inches high, and is covered with well filled pods, often containing seven or eight tender and sweet peas. Per pkt., 10c; per pt., 25c; per qt., 45c; postpaid. Per pk., \$1.75, not prepaid.

✓ **ALASKA.** One of the earliest, which, in evenness of growth of vine and early maturity of pods, is unequaled by any other extra early pea. Vines 2 to 2½ feet high, bearing four to seven long pods which are filled with medium sized, bright green peas of excellent flavor. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.25; not prepaid.

✓ **FIRST AND BEST.** Pods good size, well filled with round, smooth peas of excellent flavor. Height, 2½ feet. Pkt., 10c; pt., 25c; qt., 40c; pk., \$1.25.

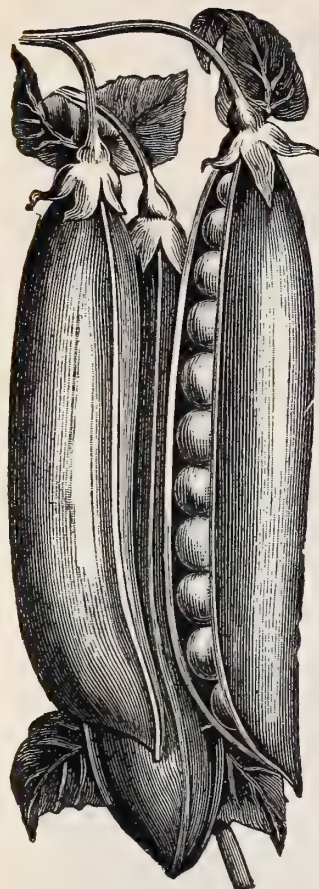


*Gradus or Prosperity Peas.*

✓ **GRADUS OR PROSPERITY.** The earliest large podded pea in cultivation; the immense pods are as large as those of the Telephone, uniformly well shaped, nearly round and well filled with large, handsome peas. They ripen slowly and continue for use much longer than most varieties; the vine has heavy stems, with large dark-green leaves; grows 3 feet in height. Every gardener should try it. Pkt., 10c; pt., 30c; qt., 50c; postpaid. Pk., \$2.25.

✓ **IMPROVED STRATEGEM.** "One of the best of the large podded sorts." The old Strategem Pea has always been one of the best late sorts for quality, but it was a shy yielder, and so wanting in uniformity and evenness of type. The Improved Strategem has all the sterling qualities of the original and is one of the heaviest yielders; the pods are of immense size, and uniformly filled with very large, dark-green peas of the finest quality. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$2.00, not prepaid.





*Daisy or Dwarf Telephone.*

## PEAS. Continued.

✓ **NEW TELEPHONE.** Seed green wrinkled; height about four feet; foliage luxuriant, peculiar light shade of green; fairly productive; pods usually large size, elegant shape, slight curved, well filled with peas of large size, good quality, earlier than the Champion of England. A most desirable variety for those who wish a large showy pea. Per pkt., 10c; pt., 30c; qt., 45c; postpaid. Per pk., \$2.00, not prepaid.

✓ **TELEGRAPH.** Stronger growing and hardier vine with darker foliage and pods than the New Telephone; peas very large and of dark green color, seed almost smooth. A splendid sort for the market garden; will give good returns, even under conditions that would cause most varieties to fail. Pkt., 10c; pt., 25c; qt., 40c; pk., \$1.50.

### Standard Varieties.

Height.		Postpaid.		Not
		Pkt.	pt.	Postpaid.
30 in.	✓ Philadelphia Ex. Ey.....	10c	25c	40c \$1.25
14 in.	✓ Premium Gem. ....	10c	30c	45c 1.50
14 in.	✓ Little Gem. ....	10c	30c	45c 1.50
10 in.	✓ Tom Thumb. ....	10c	25c	45c 1.75
24 in.	✓ Strategem. .	10c	25c	40c 1.50
24 in.	✓ Everbearing. .	10c	25c	40c 1.50
50 in.	✓ Champion of England.....	10c	25c	40c 1.25
36 in.	✓ Black-Eyed Marrowfat. ....	10c	20c	35c 1.00
36 in.	✓ White Marrowfat. ....	10c	20c	35c 1.15
30 in.	✓ Dwarf Gray Sugar.....	10c	25c	40c ....
	✓ Canada Field. ....	Market Price.		

✓ **DAISY OR DWARF TELEPHONE.** A dwarf growing, very large-podded main or late crop variety. Vines strong and vigorous, with heavy foliage, growing only 18 inches in height and do not need brush; enormously productive; pods large and nearly straight, and are well filled with large, tender peas. Pkt., 10c; pt., 35c; qt., 50c; pstpaid. Pk., \$2.00, not prepaid.

## PEPPER.

**LONG RED CAYENNE.** Pods small, cone-shaped, scarlet red, and when ripe used for pickles and pepper sauce. Pkt., 5c; oz., 25c; ¼ lb., 75c.

**RUBY KING.** The peppers are of a bright ruby red color, from 4½ to 6 inches long, by 3½ to 4 inches in diameter. Flavor mild, and can be sliced and eaten with pepper and vinegar like tomatoes. Pkt., 5c; oz., 25c; ¼ lb., 75c.

**CELESTIAL.** A beautiful and attractive plant; the peppers, up to the time when they are full grown, are of a delicate creamy yellow color, and when fully grown change to an immense vivid scarlet, making the plant, when loaded with fruit, part of one color and part of the other—very attractive. Pkt., 5c; oz., 25c; ¼ lb., 75c.

**SPANISH MONSTROUS.** Fruit very large, often 8 inches or more in length by 2 or 3 inches in diameter; rind thick and fleshy; mild and sweet flavored. Pkt., 5c; oz., 25c; ¼ lb., 75c.



*Improved Bull Nose or Sweet Mountain.*

**IMPROVED BULL NOSE OR SWEET MOUNTAIN.** A very large sort of inverted bell shape, suitable for filling or for a mixed pickle; flesh thick, hard and less pungent than most other sorts. Pkt., 5c; oz., 25c; ¼ lb., 75c.

Remember there are many things we carry in stock not catalogued. If in want of any kind of garden tools or other things in our line, call at our retail store, 505 Walnut street.



## PARSNIP.

**CULTURE**—The parsnip thrives best in a deep, mellow soil. Sow the seed early in the spring in rows fifteen inches apart, covering the seed half an inch deep; thin out the plants, when well up, to five inches apart in the rows.

**HOLLOW CROWN.** Smooth, large roots, sweet and of most excellent flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c; postpaid.

**IMPROVED GUERNSEY.** Not so long as the Holly Crown, but of greater diameter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c; postpaid.

## PARSLEY.

**CULTURE**—The seed is very slow to germinate, and should be sown early in the spring, previously soaking the seed for a few hours in warm water.

Sow in drills one foot apart, and when the plants are well up, thin to one foot in the row. When the plants are about three inches high, cut off all the leaves; the plant will be brighter and better curled; every cutting will result in improvement. One ounce to 150 feet of drill.

**CHAMPION MOSS CURLED.** Leaves beautifully curled and mossy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.



*Champion Moss Curled Parsley.*

**DOUBLE CURLED.** A fine variety; excellent for garnishing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

**HAMBURG OR TURNIP ROOTED.** Sometimes called German Parsley; a fleshy rooted variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

## Rhubarb or Pie Plant.

**CULTURE**—Sow in drills one foot apart, one inch deep; when a few inches high thin to a foot apart. In fall or spring prepare the ground for the final bed by trenching two feet deep; mixing a liberal quantity of manure with the soil. Set the plants three feet apart each way.

**LINNAEUS.** The earliest for market purposes. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

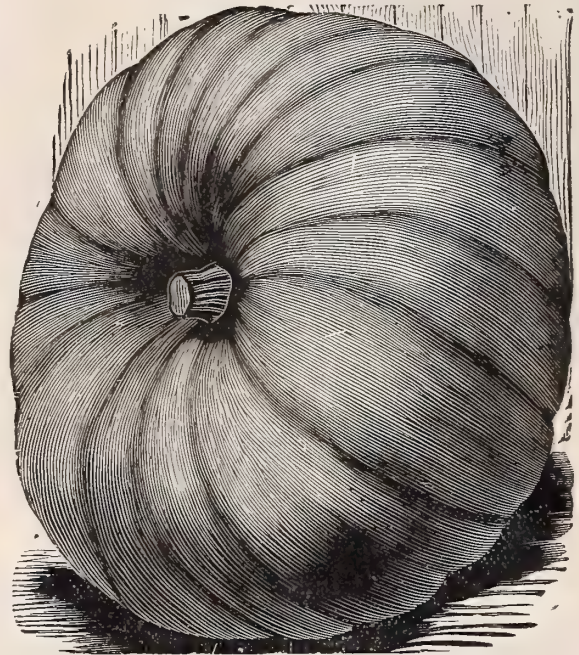
**VICTORIA.** Large and tender. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**ROOTS.** Not prepaid, doz., \$1.00; each, 10c. Prepaid, 15c each; \$1.50 doz.

## PUMPKIN.

One pound for 200 to 300 hills; four pounds per acre.

**KING OF THE MAMMOTH.** This is the genuine strain of the True Mammoth Pumpkin. The largest pumpkin grown, often attaining a weight of 200 pounds and over. The flesh and skin are of a bright, golden yellow color, of excellent quality and a splendid keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25; postpaid.



*King of Mammoth Pumpkin.*

**SWEET POTATO.** Pear-shaped; size, medium; creamy white in color, sometimes striped with green; flesh fine grained and very sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; postpaid.

**SMALL SUGAR.** Handsome and prolific; of small size, averaging about 10 inches in diameter. Skin deep orange yellow. Fine grained, sweet, dry and an excellent keeper, a good table variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.

**CONNECTICUT FIELD.** One of the best for field culture; can be grown with corn; largely used for stock feeding. Deep, rich, yellow color. Oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 35c; postpaid.

**LARGE CHEESE OR KY. FIELD.** A popular variety in the South. Fruit flattened, skin mottled light green and yellow; flesh tender; excellent quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c; postpaid.

**CUSHAW.** A prolific variety; large size, frequently weighing 60 lbs., and over; color white striped and mottled with green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.



# RADISH.

## HARNDEN'S FRENCH GROWN SEED.



*Philadelphia White Box.*

**PHILADELPHIA WHITE BOX.** Round, smooth, very white and handsome; remains solid and juicy long after full grown; desirable for forcing and a splendid outdoor radish as well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.

**HARNDEN'S SELECTED EARLY SCARLET TURNIP, WHITE TIPPED.** This is the most important sort for outdoor sowing. Our market gardeners plant hundreds of pounds of this variety each year. The color is just right and the size always asked for by the hotels and grocers. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c; postpaid. 5-lb. lots, not postpaid, \$2.75; 10-lb. lots, \$5.00.

**EX. EY DEEP SCARLET TURNIP WHITE TIPPED, FORCING.** A beautiful variety, deep scarlet with white tip; popular as a market variety. Does not show as much white as the ordinary Sc. T. W. Tip. This variety is used mostly for forcing and green house culture. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid. 5 lbs., not prepaid, \$2.50.

**NON PLUS ULTRA OR EXTRA EARLY DEEP SCARLET TURNIP, FORCING.** One of the best for forcing. Roots fit for use three weeks from time of sowing. Small turnip-shaped, deep, rich red color; tops very small. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid. By express, 5 lbs., not prepaid, \$2.50.

**HARNDEN SEED CO.'S 20-DAY FORCING, or No. 25.** We introduced this Radish on our market 4 years ago, and it has proven one of the best varieties for market garden purposes, both for forcing and out-doors. It is the earliest Radish we have ever offered our trade, maturing from eight to ten days earlier than other forcing varieties. It is crisp and tender, mild flavor, small tops, scarlet color, will not become pithy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

### STANDARD VARIETIES.

	Pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lb.	10 lb.
Early White Turnip.	5c	10c	20c	60c	\$2.50	\$4.50
Early Deep Scarlet Turnip.	5c	10c	20c	60c	2.50	4.50
Scarlet Turnip, White Tip.	5c	10c	20c	70c	2.75	5.00
New Champion.	5c	10c	20c	75c	3.00	5.50
French Breakfast.	5c	10c	20c	60c	2.50	4.50
Yellow Summer Turnip.	5c	10c	20c	60c	2.50	4.50
Long Scarlet Short Top.	5c	10c	20c	60c	2.50	4.50
Giant White Stuttgarter.	5c	10c	20c	65c	2.65	4.75
Long White Spanish.	5c	10c	20c	65c	2.65	4.75
Round Black Spanish.	5c	10c	20c	60c	2.75	5.00
Long Black Spanish.	5c	10c	20c	60c	2.75	5.00
Calif. Mam. White Winter.	5c	10c	20c	75c	3.00	5.50

### THREE GOOD TURNIP VARIETIES.



*White Turnip. Ey. Deep Scarlet. Scarlet Turnip. White Tip.*

The Radish seed we offer must not be confused with the cheap and inferior stock that is generally offered at low prices. We handle only the very best grade of French stock that we have used for years which grows short tops and are less liable to become pithy.



## RADISH--Continued.

### Three Good Varieties of Long Radishes.



*Imp. Chartier. White Strasburg. Wood's Ey. Frame.*

**IMPROVED CHARTIER.** The color at the top is crimson running into pink about the middle, and from thence down it is a pure waxy white; it

is of quick growth, and does not become stringy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c; postpaid.

**WHITE STRASBURG OR HOSPITAL.** A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; postpaid.

**WOOD'S EARLY FRAME.** This variety is similar in shape to the Long Scarlet, but shorter and fully ten days earlier; much used for forcing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; postpaid.

**LONG WHITE VIENNA OR LADY FINGER.** This is one of the finest long radishes, beautiful in shape, skin and flesh pure white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.

**KANSAS CITY MARKET.** A fine extra early variety, with a long smooth root and very small top. Can be grown closer than most sorts without running to seed. The color is a bright red and transparent; the flesh is tender and delicious, even when full grown. A decided improvement on the early long varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

**ICICLE.** The earliest and finest long white radish. The young radish are ready for use even earlier than the long scarlet and continue to grow for a long time, fully retaining their tenderness and mild flavor until quite large. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.

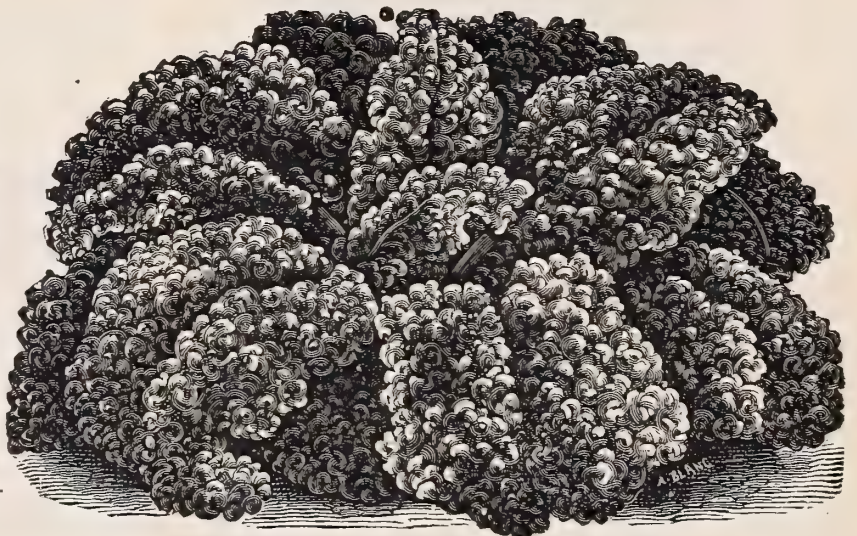
**ROSE CHINA WINTER.** One of the best fall and winter varieties, a favorite with market gardeners; bright rose color, flesh white, firm and of superior quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.

## SPINACH.

### CROP VERY SHORT.

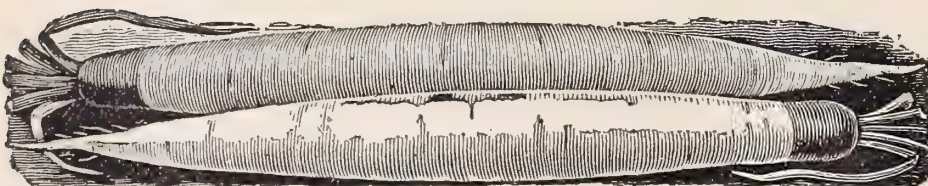
**THICK LEAVED ROUND.** Good for either fall or spring sowing; very hardy; leaves large, round, thick. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 35c; postpaid. 5 lbs., not prepaid, 75c.

**BLOOMSDALE OR SAVOY-LEAVED.** Leaves large curled and wrinkled like Savoy cabbage, very hardy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 35c; postpaid. 5 lbs., not prepaid, \$1.00.



*Bloomsdale or Savoy Leaved.*

## SALSIFY OR VEGETABLE OYSTER.



**CULTURE**—It succeeds best in a light, well enriched soil; course and fresh manure should be avoided as it will surely cause the roots to grow uneven and ill-shaped. Sow the seed as early as possible, and quite deep, in drills about eighteen inches apart, and thin the plants to three inches in the row.

**MAMMOTH SANDWICH ISLAND.** This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.





*Mammoth White Bush Scallop.*

**VEGETABLE MARROW.** The fruit is very variable in size, from nine to eighteen inches in length, and from four to six inches in diameter. Skin a greenish yellow. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.

**GOLDEN HUBBARD.** A perfect type of the Green Hubbard, except in color, which is a bright, deep orange yellow, very showy and attractive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; postpaid.



*Giant Summer Crook Neck.*

## Squash

**MAMMOTH WHITE BUSH SCALLOP.** An early flat, scalloped variety, pure white, favorite early sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c postpaid.

**GOLDEN CUSTARD.** This excellent variety is sometimes called Mammoth Yellow Bush on account of its great size. It is the largest of the scalloped sorts, sometimes attaining a diameter of 2 feet. The color is a rich, golden yellow, as indicated by the name. In table quality it is excellent. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., \$1.00.

**GIANT SUMMER CROOK-NECK.** Early, rough, warty surface, orange yellow, good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.

**GIANT SUMMER STRAIGHT-NECK.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.



*Chicago Warty Hubbard.*

**CHICAGO WARTY HUBBARD.** The principal late squash for commercial purposes. An improvement on the old Hubbard. Skin heavily warted as in cut. The best late squash to plant for general crop. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

## Tomatoes

### HARNDEN'S SELECTED TOMATO SEED

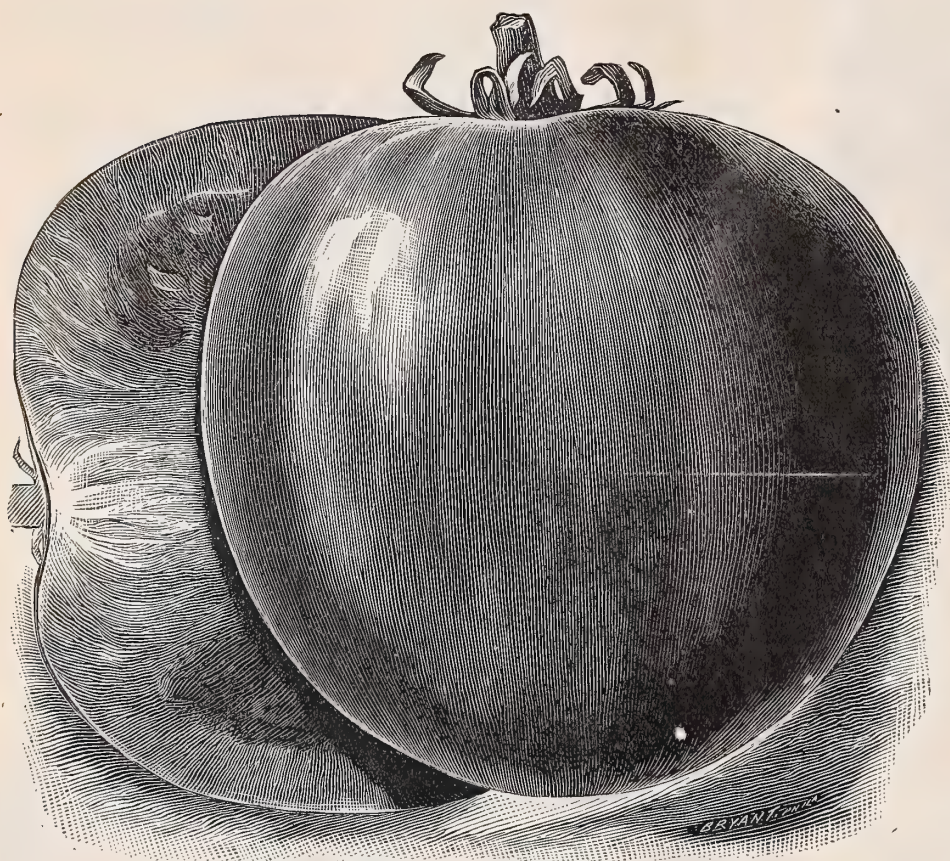
**CULTURE**—Tomatoes do best on not over rich, warm soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Even a slight check while the plants are small will materially diminish their productiveness. Sow the seed in hot-beds or seed boxes and when the plants have four leaves, transplant into shallow boxes or cold frames.

This seed is all grown for us on contract. Deduct 10c per lb. if to go by express. All pkts., 5c each.

	oz.	$\frac{1}{4}$ lb.
<b>ACME.</b> The earliest, well known, bright pink tomato.....	20c	60c
<b>GOLDEN QUEEN.</b> Large, smooth, pure yellow tomato.....	25c	75c
<b>LARGE SMOOTH RED.</b> Large; bright red; good main crop variety.....	20c	60c

	oz.	$\frac{1}{4}$ lb.
<b>LIVINGSTON'S FAVORITE.</b> Bright red; good size.....	20c	60c
<b>LIVINGSTON'S PERFECTION.</b> Standard red tomato.....	20c	60c
<b>LIVINGSTON'S MAGNUS.</b> .....	25c	75c
<b>ROYAL RED.</b> Large smooth red; heavy cropper.....	20c	60c
<b>PONDEROSA.</b> The largest tomato in cultivation.....	40c	\$1.00
<b>TROPHY.</b> Large; smooth, very solid; late.....	20c	60c
<b>Red Cherry</b> .....	25c	75c
<b>Strawberry Husk</b> .....	25c	75c
<b>Yellow Pear</b> .....	25c	75c
<b>Yellow Plum</b> .....	25c	75c
<b>Red and Yellow Peach</b> .....	35c	1.00



**TOMATOES--Continued.***Livingston's New York.*

**Livingston's New Globe.** Beautiful globe shape. Among the first to ripen, although of large size, smooth, firm fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor delicate and agreeable; splendid slicing variety. Borne on short jointed branching plants in great abundance, literally loaded with fruit. A good general cropper, and one of the very best for greenhouse growing or first early crop on stake or trellis. An entirely distinct and fixed new sort. Pkt., 10c; 3 pkts., 25c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**BUCKEYE STATE.** One of the largest fruited varieties grown; smooth and uniform, heavy cropper; grows in clusters of from four to ten fruits, color glossy and dark crimson, with slight tinge of purple. Matures about the same time as the Stone. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**MATCHLESS.** A large, bright red tomato. Fruit large, smooth and symmetrical, ripening well to stem. Fresh, bright red color. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75.

**LIVINGSTON'S DWARF STONE TOMATO.** In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape, and is practically the same size. Double the size of Dwarf Champion, yet equally as early; more productive. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 70c.

**NEW STONE.** A large, smooth tomato; color bright scarlet; ripens evenly to the stem; solid an excellent shipper. Very productive; fine for canning. A general favorite with all who have used it. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**DWARF CHAMPION.** The best early tomato grown. Entirely distinct in habit of growth and foliage; vines are dwarf and compact, grow stiff and upright, with thick, short jointed stems. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

**LIVINGSTON'S BEAUTY.** True stock grows in clusters of four or five; glossy crimson, partaking of some of the characteristics of the Acme; solid; retains its color and size until late in the season. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**SPARK'S EARLIANA TOMATO.** This tomato has become very popular with many growers of tomatoes for early market. It is a very excellent early variety, good size, good color, and great productiveness. Twice as many plants can be grown on an acre of this variety than any other variety grown. A splendid variety for home garden and good for early market purposes. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 75c.

We carry at all times Garden Implements, Weeders, Trowels, and other similar supplies at our Retail Store, 505 Walnut Street.



## TURNIP.

### EXTRA EARLY RED-TOP MILAN.

The earliest strap leaf variety, maturing a week earlier than any other sort; bulbs white, purplish top; flat and solid. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**EARLY WHITE EGG.** Pure white, egg-shaped, rapid grower and fine quality. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid.

**EARLY SNOWBALL.** A perfect globe-shaped white skinned Turnip. Exceedingly productive. One of the best keepers of the white fleshed sorts. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

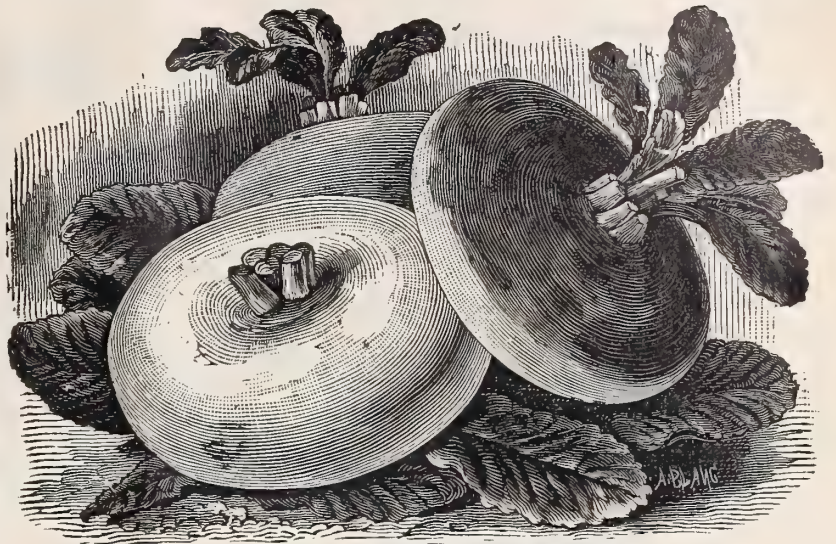
**PURPLE TOP STRAP-LEAF.** The most popular variety grown. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid. By express, 5 lbs., \$2.00; 10 lbs., \$3.50.

**WHITE FLAT DUTCH.** A popular well known early sort; the best variety for spring sowing. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid. By express, 5 lbs., \$2.00; 10 lbs., \$3.50.

**PURPLE TOP WHITE GLOBE.** Improved variety of Purple Strap-Leaf globular shaped, smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c. By express, 5 lbs., \$2.00; 10 lbs., \$3.50.

**POMERANIAN WHITE GLOBE.** Valuable both for stock feeding and for table use; the roots will frequently grow to 12 lbs. in weight. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid. By express, 5 lbs., \$2.00; 10 lbs., \$3.50.

**SEVEN TOP OR FORESTER.** (Winter Green.) Used extensively in the South for winter greens; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter.



*White Flat Dutch.*

*Purple Top Strap Leaf.*

Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid. By express, 5 lbs., \$2.00; 10 lbs., \$3.50.

**AMBER GLOBE.** Yellow flesh, grm, fine grain; very sweet, skin yellow with green top; keeps well; very popular in the South. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid. By express, 5 lbs., \$2.00; 10 lbs., \$3.50.

## RUTABAGAS.

**CULTURE**—Sow the seeds about a month earlier than turnips. Rutabagas should be sown on ground enriched with well rotted manure, in drills two and one-half feet apart, and should be thinned to six to eight inches apart in the row

**IMPROVED AMERICAN PURPLE TOP.** Leading yellow variety; very productive, solid and of excellent flavor; the roots grow to a large size and are of the finest quality; unsurpassed for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid. By express, 5 lbs., \$2.00.

If you wish to buy large lots for fertilizing purposes, ask for prices.

## Tobacco Seed.

**YELLOW ORONOKO.** Used for first-class plug fillers, and makes, when sun cured, the best natural Chewing Leaf; a favorite wherever known.

**WHITE BURLEY.** This variety is especially valuable to manufacturers, either for cut or plug tobacco. It is sometimes used for wrappers.

**CONNECTICUT SEED LEAF.** The largest, best and finest variety of this indispensable kind.

**BIG HAVANA.** A hybrid Havana or Cuban seed leaf; a heavy cropper of fine texture, delightful flavor and the earliest cigar variety to mature.

**GOLD FINDER.** A Yellow Oronoko crossed on White Burley; has the shape and habit of the Oronoko. Especially recommended for Missouri and Kansas planters.

The Tobacco seed we offer has been carefully grown on crown shoots only, and improved by continuous selection. It will be found true to name and of the highest vitality. "Virginia Grown."

Prices on all varieties, pkt., 10c; oz., 30c; ¼ lb., 75c.

## Aromatic Medicinal and Pot Herbs.

Varities with a \* are Perennials.



*Marjoram.*

	Pkt.	Oz.
Anise (Anis).....	5c	10c
*Balm (Melisse).....	5c	25c
Belladonna (Tollkirsche).....	5c	30c
Basil, Sweet (Basilicum).....	5c	15c
Borage (Gurkenkraut).....	5c	15c
*Caraway (Kummel).....	5c	10c
Coriander (Koriander).....	5c	10c
Dandelion (Loewenzahn).....	5c	10c
Dill (Dill).....	5c	10c
*Fennel (Fenchel).....	5c	10c
*Lavender (Lavendel).....	5c	25c
Marjoram (Marjoran).....	5c	15c
*Rosemary (Rosmarin).....	5c	25c
*Rue (Route).....	5c	25c



*Sage.*

	Pkt.	Oz.
Sage (Salbei) ¼ lb., 50c.	5c	15c
Saffron (Safron) kraut..	5c	15c
*Summer Savory Bohnen.	5c	15c
Sorrel (Sauerampfer)....	5c	25c
*Thyme (Thymian).....	10c	20c
*Wormwood (Wermuth).	5c	15c

## Martynia.

**MARTYNIA PROBOSCIDEA.**

For picking. Pkt., 5c; oz., 30c;

¼ lb., \$1.00.



# FLOWER SEEDS.

## NEW AND STANDARD VARIETIES.

FLOWERS FROM SEED ARE USUALLY KNOWN AS ANNUALS, BIENNIALS AND PERENNIALS.

**ANNUALS** bloom and ripen seed the first year and then perish.

**BIENNIALS** do not generally flower the first season and are in perfection only one year.

**PERENNIALS** continue to flower for several years in succession. Many of them bloom the first year if sown early.

**HARDY ANNUALS**, Biennials and Perennials can be sown in the open ground early in the spring if desired, and Biennials and Perennials will not require any protection in winter.

**HALF HARDY ANNUALS**, Biennials and Perennials should not be sown in open ground until settled warm weather, though they can be sown in the house, if desired, early and afterwards transplanted. The two latter need to be protected in the winter, or carried over until spring in cold frames or greenhouses.

## ASTERS.

It is unnecessary to dwell on the great beauty of these popular flowers, as they are appreciated by everyone. Sow the seed early in the spring under glass or in pots and transplant in May about one foot apart.

**VICTORIA.** The most handsome Aster in cultivation; flowers large and perfectly double, 1¾ feet high.

Pure White.....	pkt. 10c
Crimson. ....	pkt. 10c
Pink. ....	pkt. 10c
Purple. ....	pkt. 10c
Light Blue. ....	pkt. 10c
Many colors finest mixed.....	pkt. 10c



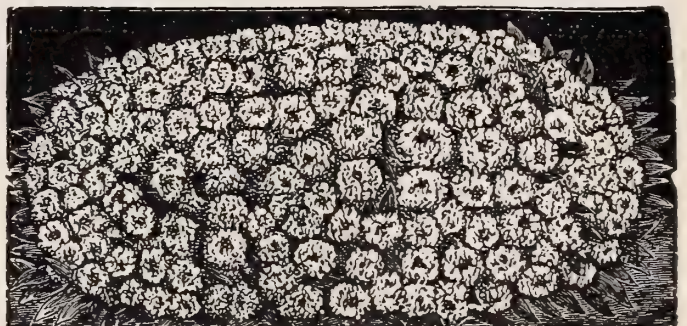
*Aster—Giant Comet or Poodle.*

**GIANT COMET OR POODLE.** The Comet Aster is well known for its unique appearance, resembling the Japanese Chrysanthemums. The petals are longer and broader, with the same beautiful wavy appearance of this class; 18 inches high. Mixed colors; pkt., 10c; 3 for 25c; oz., \$1.50.

**SEMPLER'S BRANCHING.** The plants are of branching habits, producing twenty or more perfect flowers, borne on long stiff stems. Mixed colors; pkt., 10c; 3 for 25c. oz., 90c.

**DWARF QUEEN.** The finest Dwarf Aster. It forms low bushy plants about 10 inches high, of compact habit of growth, producing a great number of extra large flowers. Mixed colors; pkt., 10c; 3 for 25c; ¼ oz., 50c.

**PAEONY FLOWERED.** Flowers large, brilliant, very double and imbricated; 1½ to 2 feet high. Mixed colors; pkt., 10c; 3 for 25c.



*Alyssum—Little Gem or Carpet of Snow.*

**ALYSSUM.** Pretty little plants for beds, vases, edgings or rock work, with delicate white flowers of exquisite fragrance.

**MARITIMUM.** Very sweet scented. Pkt., 5c; oz., 30c.

**LITTLE GEM OR CARPET OF SNOW.** We know of no other white flower which is so particularly well adapted for borders, ribbons, etc., as our Little Gem. It is of Dwarf, compact habit, 4 to 6 inches in height, each plant covering a circle of about 15 inches in diameter. The plants commence to bloom when quite small and soon become one mass of white, remaining in full bloom from spring until fall. Oz., 40c; pkt., 5c.

**SAXATILE COMPACTUM.** "Basket of Gold." Showy golden-yellow flowers; hardy perennial, blooms the first season; excellent for rock work; 1 foot. Pkt., 10c; Oz., 60c.

**AGERATUM.** Mexicanum. Very attractive plants for bedding; constant bloomers; colors bright blue and pure white. Pkt., 5c.

**ACQUILEGIA OR (COLUMBINE.)** Hardy perennial plants, ornamental both in growth and flowers and no bed of perennials would be complete without a due proportion of Columbine. Double mixed; pkt., 5c; oz., 35c.



*Antirrhinum. (Snap Dragon.)*

**ANTIRRHINUM OR SNAP DRAGON.** An old garden favorite, with odd shaped flowers and pretty spotted throats, succeed in any good garden soil. They blossom the first season from seed sown in the spring. Tender perennial. Dwarf Sorts mixed. Pkt., 5c.

**AMARANTHUS.** Caudatus. (Love Lies Bleeding.) Pkt., 5c.

Tricolor. (Joseph's Coat.) Pkt., 5c.

**Splendens** (Rainbow Plant.) Plants of upright growth; the inner foliage is of a dark blackish bronze, while the outer foliage is an intense flaming crimson. Pkt., 5c.

**CALENDULA.** (Pot Marigold.) Sow the seed early in the open ground and they will bloom profusely from June until frost.

**ORANGE KING.** The grandest and best of all the Marigolds. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**CANDYTUFT.** Giant Hyacinth Flowered. The flower-heads are of immense size, 6 inches long and about 3 inches across, resembling a Dutch Hyacinth. They are pure white, and furnish excellent material for cutting. Seed sown in April flowers from July to frost. Pkt., 10c;  $\frac{1}{2}$  oz., 20c.

Older Sorts in mixed colors—Pkt., 5c; oz., 20c.

*Candytuft: New Giant Hyacinth Flowered.*

**BALLOON VINE.** (Love in a Puff.) A rapid growing climber with peculiar inflated capsules. Pkt., 5c.

## BALSAMS. (Lady Slippers or Touch-me-Not.)

To produce very double flowers they must be transplanted from the seed bed into rich soil; cut out some of the side branches when small. Sow the seed in March and transplant when three inches high.

**BALSAMS.** Double Camellia Flowered. Undoubtedly the showiest and most attractive variety of Balsam. Mixed colors. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**DOUBLE ROSE FLOWERED.** Has perfectly double roselike blossoms of almost every shade and color. Mixed colors. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

*Balsams: Double Camellia.*

**CANTERBURY BELL.** (Campanula.) Cup and Saucer. A very striking and beautiful variety, and a most desirable and attractive addition to this class of old garden favorites; the flowers are nearly 4 inches in diameter, resembling a cup and saucer. Mixed, pkt., 5c.

**PERENNIAL SORTS.** Mixed, pkt., 5c.

**CANNAS.** "New Giant Flowered Crozy Type." Our seed has been saved from a collection comprising over fifty kinds. Soak the seed in hot water 12 to 24 hours before sowing. When young plants show two or more leaves, they should be transplanted. Seed sown in February or March will make flowering plants by July. All varieties and colors, mixed. Pkt., 5c (10 seed); oz., 20c.

Our Flower Seeds have all been tested and will give the best of satisfaction.



# CARNATION.



*Dwarf Margaret Carnation.*

**DWARF MARGARET CARNATION.** A carnation that blooms the first year from seed. The plants are of dwarf, compact habit, and flower most abundantly, and throughout the whole year; 80 per cent of the flowers are very double, never burst, and embrace a great variety of color. One-eighth oz., 25c; pkt., 10c.

## Calliopsis.

Showy and beautiful free flowering annuals; blooming all summer and excellent for cutting.

**GOLDEN WAVE.** Plant very bushy and compact; about 2 feet high and covered from July to October with hundreds of beautiful golden blossoms, marked with dark brown center. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; 1 oz., 25c.

**CHRYSANTHEMUM.** (Annual.) No annual furnishes so many cut flowers as these, which bloom plentifully throughout the summer. Sow seed early in spring in shallow drills and thin out or transplant, plants to be 10 inches apart. Single and double varieties mixed. Pkt., 5c; oz., 15c.

**CENTAUREA (Bachelor's Button).** Very free blooming, hardy annuals. Also called Blue Bottle, etc. Pkt., 5c.

**CENTAUREA MARGUERITE.** This novelty is entirely distinct from all other Centaureas. The plants grow about 18 inches high and are of the easiest culture.

The large flowers are of the purest white, deliciously scented and freely produced on long stems, valuable for cutting. Pkt., 10c.

**CENTAUREA GYMNOCARPA.** A beautiful, ornamental leaved plant, forming a graceful round bush of silvery gray, fern-like leaves, making a fine contrast when massed with dark foliage plants. Half hardy perennials,  $1\frac{1}{2}$  feet. Pkt., 10c.

## Cobaea Scandens.



*Cobaea Scandens.*

**COBAEA SCANDENS.** A magnificent quick-growing climber with beautiful foliage and large bell-shaped flowers. Plant the seed edgewise in moist earth and cover only slightly. Pkt., 5c.



*Cypress Vine.*

**CYPRESS VINE (Impomoea).** A most beautiful climber, with delicate, dark green foliage and an abundance of bright star-shaped rose, scarlet and white blossoms. Do not plant the seed till the ground is thoroughly warmed. White, pink, crimson. Pkt., 5c; mixed, pkt., 5c; oz., 25c.

**COCKSCOMB. (Celosia.)** Highly ornamental plants, producing crested heads, somewhat resembling a cock's comb. Start in the house and transplant about the last of May.

**PRESIDENT THIERS.** One of the most dwarf of all cockscombs, bears large crimson combs; if planted alongside of rows of Golden Feverfew and Dusty Miller it will make one of the most brilliant stripe of border bedding; also a handsome pot plant. Pkt., 10c. Dwarf varieties, mixed, pkt., 5c.

We have listed only such kinds as have proven the best, and our customers can depend on any variety catalogued. We shall offer no new strains until they have proven better than those already in use.





## Mammoth Perfection Cosmos.

**COSMOS.** A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often 4 to 6 feet high, and covered with large single dahlia-like flowers. Sow the seed early in spring thinly in drills, or two or three seed may be planted in places where seed are to bloom; have the plants stand about 2 feet apart.

**MAMMOTH PERFECTION.** These are monstrous white flowers with flecked and pinked edges; the dark crimson flowers resemble large, single Dahlias; the tinted varieties are charming, and others again are flushed with mauve and pink. The flowers measure from 3 to 4 inches across. Mixed colors. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; white, pkt., 10c;  $\frac{1}{4}$  oz., 20c; pink, pkt., 5c;  $\frac{1}{4}$  oz., 10c; yellow gold pkt., 10c;  $\frac{1}{4}$  oz., 20c; crimson, pkt., 5c;  $\frac{1}{4}$  oz., 10c.



*Dianthus—Heddeewigi Diadematus fl. pl.*

**DIANTHUS OR PINK.** Double chinese Pink. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 40c.

**HEDDEWIGI DIADEMATUS FL. PL.** Beautiful double flowers of the brightest colors, handsomely fringed, borne on long stiff stems. Pkt., 5c;  $\frac{1}{2}$  oz., 40c; oz., 75c.

**MOURNING CLOAK.** The most striking of all pinks; rich blackish, velvety crimson, margined with pure white. Pkt., 5c.

## HARDY PERENNIAL PINKS.

**PLUMARIUS FL. PL.** Double and semi-double varieties in beautiful colors. Pkt., 10c.

**NEW PERPETUAL.** Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. Pkt., 25c.

**DELPHINIUM.** (Larkspur.) One of the most showy and useful hardy perennials, producing splendid spikes of flowers in profusion throughout the summer; invaluable for large gardens. If sown early they bloom the first year from seed. Choice annual mixed. Pkt., 5c.

**PERENNIAL VARIETIES.** These are usually taller than the annuals, requiring more space between the plants. If sown in fall or very early in spring nearly all will bloom the first season. The foliage is clean and pretty; habit strong and neat; flower spikes long and dazzling. Elatum Hybridum, finest mixed; very showy. Per oz., 50c; pkt., 5c.

**DAHLIAS.** When sown early Dahlias will bloom the first year from seed. Double mixed, pkt., 10c.



*Double Daisies.*

**DOUBLE DAISIES.** (*Bellis Perennis fl. pl.*) Very pretty flowers, desirable for borders, can be easily raised from seed sown in spring. Double white. Pkt., 5c.



**WILD CUCUMBER.**

This is the quickest growing climber in our list. Grows wild, self sown, in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty, white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. Pkt., 5c; ½ oz., 15c.

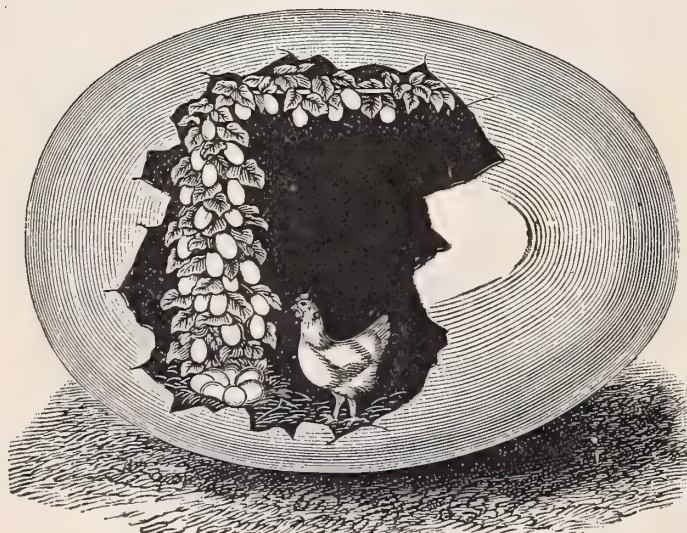
**ESCHOLTZIA.** (California Poppy.) A genus of the Poppy family, and fully as valuable as the common Poppy for garden ornamentation, and as easily grown. Do not transplant. Height, one foot.

**THE GOLDEN WEST.** The flowers have large overlapping petals, which are often delicately waved at the edges, showing beautiful and varied forms. The color is an intense shining yellow with an orange blotch at the base of the petals. Pkt., 5c.

**FOXGLOVE.** (*Digitalis*.) Plants grow to about 3 to 4 feet and produce dense spikes of brilliantly-colored flowers. A valuable flower in every perennial garden. Pkt., 5c.

**FORGET-ME-NOT.** (*Myosotis*.) Beautiful little plants with star-like flowers, blooming the first year if sown early. Pkt., 5c.

**FOUR O'CLOCK.** (*Mirabilis* or *Marvel of Peru*.) Large growing shrub-like plants, with funnel-shaped flowers of many colors. Mixed, pkt., 5c; oz., 15c.



*Nest Egg Gourd.*

**GERANIUMS.** These grow readily from seed and produce blooming plants the first summer, and there is always the chance of securing something new and desirable in that way. **Splendid mixed.** Pkt., 5c.

**CLIMBING DOLICHOS.** (*Hyacinth-Bean*.) **Princess Helen** (*Daylight*). One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth-Beans. Of very rapid growth, the plant is indifferent to bad weather, and will grow to a height of 15 feet by mid-summer. The flowers which appear in great numbers; are snow-white, sweet-scented and are followed by cream-colored pods, which hang to the plants until late in the fall. Pkt., 5c; oz., 35c.



*Climbing Dolichos—Princess Helen.*

**Ornamental Gourds.**

A class of rapid-growing annual climbers which attain a height of 20 feet in a season, and are most useful for covering old trellises, fences stumps, verandas, etc. The foliage is dense, and the fruits are of the most curious shapes and colors. Dish Cloth, pkt., 5c; Nest Egg, pkt., 5c; Dipper, pkt., 5c; Sugar Trough, pkt., 5c; Apple Shaped, pkt., 5c; Pear Shaped, pkt., 5c; Bottle, pkt., 5c; Hercules, pkt., 5c; Club, pkt., 5c; Mock Orange, pkt., 5c; Mixed Gourds, all the above and many others pkt., 5c. Same, oz., 25c.

We have added to our business a department of Cut Flowers, and can furnish loose flowers, bouquets, designs for all occasions, either at home or out of the city. 1618 Main, both 'Phones.





*Gaillardia Grandiflora*-A beautiful new hardy flower

**THE HOLLYHOCK.** In its present state of perfection, is very unlike its parent of olden times. It now ranks with the Dahlia, Aster, etc., being exceedingly rich and varied in color, and as double as a rose. All our seeds of this beautiful plant have been saved from the finest and largest double flowers only, and will produce flowers extremely double, and in the best, brightest and most charming colors. Charter's finest mixed, pkt., 10c.

**MAMMOTH ALLEGHENY.** Pkt., 60 seeds, 10c; 3 for 25c.



*Hollyhock: Charter's.*

**HELIOTROPE.** A well known old variety; its delightful perfume makes it a most desirable bouquet flower. Pkt., 5c.

**LOBELIA.** Exceedingly pretty and of value chiefly for hanging baskets and border work.

**CRYSTAL PALACE COMPACTA.** Deep blue, for bedding. Pkt., 5c.

**JAPANESE HOP.** (*Humulus Japonicus*.) A splendid annual climber of rapid growth, withstands heat, drouth and insects; remains fresh until late in the fall. Pkt., 5c.

**GAILLARDIA.** Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn.

**GAILLARDIA GRANDIFLORA COMPACTA.** A beautiful new hardy flower. New compact growing varieties of the hardy perennial Gaillardias, forming round bushes of about 12 to 15 inches in height and bearing its long-stemmed blossoms perfectly upright. The colorings of the flowers are rich and varied. As the plants produce their flowers most profusely and in constant succession from June to Autumn. This novelty with its improved habit will prove to be one of the most desirable of all hardy perennials grown for cut flowers. Pkt., 10c; 2 for 15c.

**PICTA LORENZIANA.** A charming profuse double flowering strain of the hardy Gaillardia, beautifully mixed colors. Pkt., 5c.



*Mignonette: Giant Mache.*

## MIGNONETTE.

**GIANT MACHET.** There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, while its odor is strong and most delicious. The plant is 12 inches high. It is the best Mignonette for all purposes, either in pots or for the garden. Pkt., 10c; ½ oz., 40c.

**RESEDA ODORATA.** (Sweet scented.) A well-known annual, producing dense, semi-globular heads of exceedingly fragrant flowers. Pkt., 5c; oz., 15c.

**AMELORATA.** Very sweet scented. Pkt., 5c; oz., 15c.

**MOON FLOWER. White.** The most beautiful of annual climbers. In rich, warm ground the plants readily grow 25 feet high. The larger flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Pkt., 10c; Moon Flower Plants, 15c each; prepaid, 20c.

**SULPHO TOBACCO SOAP** kills rose lice. We have it. 3-oz. cake, 10c; 8-oz. cake, 20c.

**JAPANESE PALM FOOD** for Palms, Rubber Plants and Ferns. 8-oz. pkg., 25c.



# NASTURTIIUMS.



*Climbing Nasturtium.*

A more pleasing effect cannot be had than a beautiful bed of Nasturtiums. For planting around old stumps, mounds or rock fences, the tall varieties will cover it with brilliant blossoms. For raised mounds plant the dwarf mixed around the edges, which will produce a mass of blossoms from the ground to the top.

## TALL OR CLIMBING VARIETIES.

PEARL WHITE. DARK CRIMSON. DARK ORANGE.

KING THEODORE. Rich, deep red, dark leaves; most striking variety of its class.

EDWARD OTTO. Velvety bronze.

HEINEMANNI. Silky bronze chocolate.

TALL CHAMELEON.

TALL MIXED. A very choice mixture of the best named sorts, including some "Lobb's Nasturtiums" and the beautiful "New Hybrids."

LOBB'S NASTURTIIUM. As easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom.

## DWARF VARIETIES.

EMPRESS OF INDIA. Flowers of dark, rich, salmon scarlet, dark green foliage.

AURORA. Deep chrome yellow, the two lower petals blotched and varied carmine.

KING THEODORE. Dark maroon, bluish green foliage.

KING OF TOM THUMBS. Scarlet, dark foliage.

GOLDEN CLOTH. The foliage is of a bright yellow, while the flowers are intense scarlet.

PRINCE HENRY. Flowers beautiful golden yellow, spotted and scarlet; deep brilliant foliage.

DWARF MIXED.

DWARF CHAMELEON.



*Chameleon Nasturtium, Showing Different Type.*

We have listed the choicest named varieties in Nasturtiums, both dwarf and tall. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.



# Pansies.



*Curled Giant Pansy, "Masterpiece."*

**CULTURE**—Pansies grow best and produce the largest flowers in light, rich soil, and cool, moist weather. Sow the seed thinly in quite shallow drills, as early in the spring as the soil can be dug in fine loose condition.

When the young plants are well started, thin them out or transplant in fresh beds, setting them eight or ten inches apart each way. The seed might also be sown in boxes in the house in February or even as early as January, and kept very cool after started. Harnden's many colors in good mixture. Packet, 5c;  $\frac{1}{2}$  ounce, 20c.

## **CURLED GIANT PANSY, "MASTERPIECE."**

This strain comes nearer to "Double Pansy" than anything ever introduced under that name. In reality the number of petals is the same as of other pansy flowers, but they are crimped and

curled in such a fashion that flowers appear double. The flowers are of enormous size, often 3 inches across, and the color, variations and combinations are odd and striking. The plants are unusually strong and healthy, holding their large, handsome flowers well up above the foliage. Pkt., 15c;  $\frac{1}{8}$  oz., 75c.

**BEST GIANT MIXED.** The strain of Pansy which we here offer comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. Many of the flowers are of mammoth proportions, measuring from 2 to 3 inches across, variously striped, blotched, veined and marked. The plants are compact and bushy and produce great quantities of flowers borne well above the foliage on strong stems. Pkt., 15c;  $\frac{1}{8}$  oz., \$1.25.

**HARNDEN'S SUPERB.** The richest and choicest mixture offered, producing the finest colors and largest flowers. The finest Pansy we have ever offered our customers. Pkt., 25c;  $\frac{1}{8}$  oz., \$1.25.

**HARNDEN'S PARK BEDDING VARIETIES** comprise all the best colors and strains of Pansies we have tested for the last fifteen years, and can recommend each and every one. The plants are of even growth; the flowers are large and well above the foliage; a fine strain for bedding purposes.

	Pkt.
Light blue. . . . .	10c
Meteor yellow spotted with mahogany brown. . . . .	10c
Striped or Fancy, very fine. . . . .	10c
Coal Black, jet black. . . . .	10c
Beaconsfield, violet shading to white. . . . .	10c
Pure yellow, fine for bedding. . . . .	10c
Snow Queen, pure white. . . . .	10c
Many colors in splendid mixture. Pkt., 10c; $\frac{1}{8}$ oz., 30c.	

**NICOTIANA SANDERAE.** This plant was offered last year as a novelty. It has filled its reputation as the best flowering acquisition of the century. Laden with handsome carmine red blossoms from the base to the summit, which are produced on a single plant, making a startling and beautiful plant for garden, bed or shrubbery border. Producing a beautiful effect in any position. An annual of any color or foliage. Collection of eight varieties. Pkt., 35c. Red only, packet, 25c.

**NICOTINA AFFINIS.** (Sweet Scented Tobacco Plant.) A handsome genus of garden plants of the tobacco family, noted for the freedom and fragrance of their bloom. Half hardy annuals, 3 feet high. Flowers white, salver shaped, having long tubular corollas, and are of exquisite fragrance. Deserves a place in every garden. Pkt., 5c.



*Nicotiana glauca.*



## POPPIES.



*Shirley, Silk or Ghost Poppy.*

**POPPIES.** These old-fashioned flowers are at present, like the well-known Dahlias, regaining their old-time popularity. This is not strange when we consider how little time is required for their culture. Their brilliant color and wonderful variety make a very effective display in the garden or for cut flowers.

**SHIRLEY, SILK OR GHOST POPPY.** The Shirley Poppy is not new, but the stock we have to offer will be a revelation to all lovers of the beautiful. The plants grow about 2½ feet high, with large finely shaped flowers, being generally single or semi-double, and running through a great variety of colors, especially strong in shades of terra-cotta and combinations of this with pink. Pkt., 5c.

**TULIP POPPY.** Produces large, splendid, bright scarlet flowers, strikingly beautiful, reminding one of a dazzling bed of tulips; 14 inches high. Pkt., 5c.

**CARNATION FLOWERED.** Splendid double fringed flowers of various colors. ¼ oz., 15c; pkt., 5c.

**MIKADO.** The large, double flowers are brilliant scarlet and white, with elegantly curved petals. Pkt., 5c.

**ICELAND POPPY.** Hardy perennial; blooming the first year from seed; of graceful, neat habit, with bright, green, fern-like foliage. The colors range from purest white to the deepest orange scarlet. One foot high. Pkt., 10c.

**PORTULACA.** There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued, brilliant-colored Portulacas. They thrive best in a rather rich, light loam or sandy soil, and an exposed sunny situation.

Single mixed, pkt., 5c; ½ oz., 25c.

Double mixed, a very fine strain producing a great many double flowers. Pkt., 10c; ½ oz., 75c.

**SULPHO TOBACCO SOAP** kills rose lice. We have it. 3-oz. cake, 10c; 8-oz. cake, 20c.

**JAPANESE PALM FOOD** for Palms, Rubber Plants and Ferns. 8-oz. pkg., 25c.

## PETUNIA.

**PETUINA.** Beautiful free blooming plants of easy cultivation. They commence flowering early and continue a mass of bloom throughout the season. Sow the seed any time in the spring in shallow drills or broadcast, and when well started, thin out or transplant to stand 1 foot apart each way. The seed of the Double Giant Flowered varieties is so expensive that it would be advisable to sow it in boxes in March or April and transplant later.

**CHOICE MIXED.** A very fine strain, including many of the large flowering varieties. Pkt., 5c; ½ oz., 25c.

**SINGLE LARGE FLOWERING FRINGED.** A choice selection; the flowers are of very large size and beautiful shape; deep throated and of varied and brilliant colors and beautifully fringed. Pkt., 20c.

**DOUBLE LARGE FLOWERING FRINGED.** Will produce a large percentage of double flowers; of largest fringed varieties in bright colors and tints. Pkt., 25c.



*Petunia, Large Flowering Fringed*

## SWEET WILLIAM.

**(DIANTHUS BARBATUS.)** The seed can be planted very early in the spring and will blossom the following summer, or sown in August will make blooming plants for spring.

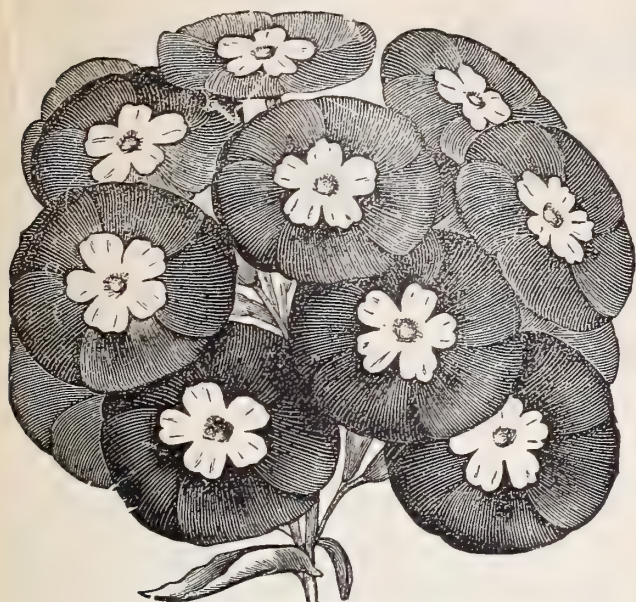
Single mixed. Pkt., 5c.

Double mixed. Pkt., 10c.

## SUNFLOWER.

**SUNFLOWER. (HELIANTHUS.)** Double varieties, mixed, from 12 to 15 inches in diameter; globular and extremely double; the most effective of all annual sunflowers. Pkt., 5c.



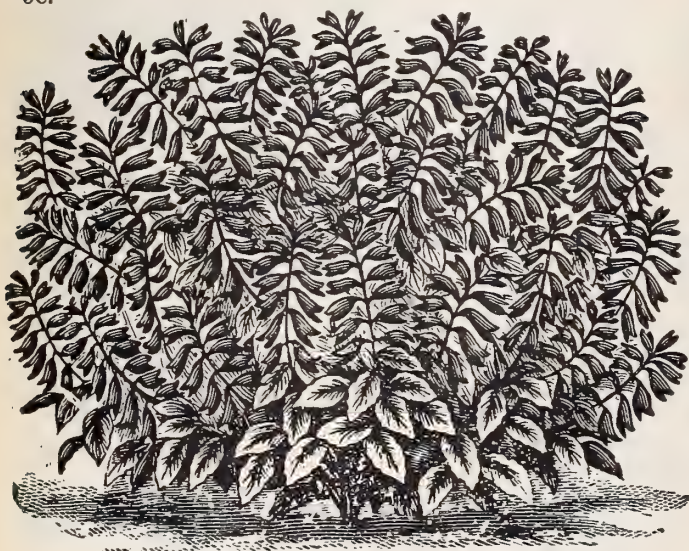


*Phlox—Drummondii Grandiflora.*

**RICINUS.** (Castor Bean.) Picturesque foliage plants that rapidly attain gigantic proportions, and are ornamental until destroyed by frosts. Many sorts mixed. Oz., 20c; pkt., 5c.

**CAMBODGENSIS.** Large palm-like leaves of brilliant bronzy-red, stalks nearly black. Pkt., 5c.

**NEW ZANZIBAR.** A new and distinct class, which surpass in size and beauty all the varieties heretofore known. The plant grows from 10 to 15 feet high and the leaves measure about 30 inches across. Mixed varieties,  $\frac{1}{2}$  oz., 20c; pkt., 5c.



*New Scarlet Sage—'Clara Bedman.'*

## SALVIA. (FLOWERING SAGE.)

The flowers are produced in great numbers, causing the spikes to droop by their weight. It is one of the most desirable plants for decorative purposes if planted either singly, in groups or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion and until late in the fall.

**SPLENDENS.** (Scarlet Sage.) Pkt., 5c.

**PATENS.** The purest and brightest blue of all flowers. Pkt., 10c.

**CLARA BEDMAN.** (Bonfire.) This new large flowering Salvia forms handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect, and stand clear above the foliage, completely covering the plant, and are of almost brilliant dazzling scarlet. Pkt., 10c.

## PHLOX.

There is no annual which can be compared for beauty and brilliancy of colors to the Phlox; their long duration in bloom, combined with their almost unequaled richness of color, render them of invaluable service. Sow the seed thinly in shallow rows and thin out or transplant the plants when 2 inches high, about 6 inches apart.

Many colors, mixed,  $\frac{1}{4}$  oz., 15c; pkt., 5c.

Large Flowering Varieties, mixed,  $\frac{1}{4}$  oz., 25c; pkt., 10c.

**STAR OF QUEDLINBURG.** A very striking variety. The growth is dwarf and the habit very compact; the flowers are very distinct and of regular star-like appearance, thus producing a most brilliant effect. Many colors, mixed. Pkt., 10c.

## Dwarf Phlox.

A lovely strain, the plants growing very symmetrical in neat little bushes about 6 to 8 inches high and covered with bright flowers during the whole summer and fall; much superior to the other Phloxes for ribbon bedding or borders. Mixed, pkt., 10c.

**SNOWBALL.** Flowers pure white. Pkt., 10c.

**FIREBALL.** Glowing, brilliant scarlet. Pkt., 10c.



**New Emperor  
Salpiglossis.**

Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil, and in almost any situation, though, like other flowers, it responds readily to good treatment. The New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt., 5c.

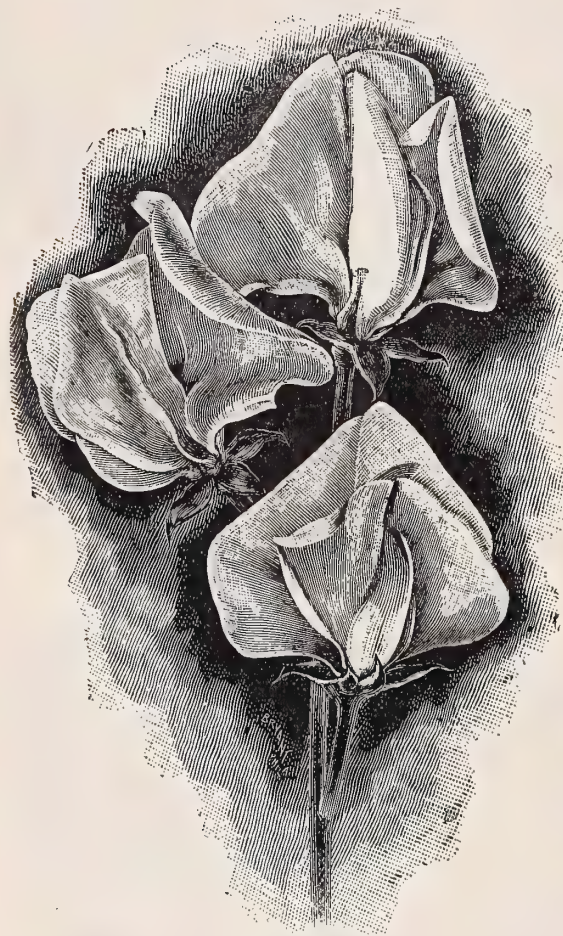
## SCABIOSA.

**MOURNING BRIDE.** One of the handsomest summer plants; producing in great profusion very double flowers in a variety of shades and colors. A splendid flower for table bouquets; 1 to 2 feet. Mixed sorts, pkt., 5c.



# HARNDEN'S SWEET PEAS.

## A Selection of the Best New Sweet Peas of Recent Introduction.



*Sweet Pea.*

**BLUSHING BEAUTY.** Delicate soft pink.

**DOROTHY ECKFORD.** Fine, new, pure white, large flower.

**MAID OF HONOR.** Almost white, with light bluish lavender edge.

**MONARCH.** Crimson and blue; large flowered.

**MODESTY.** Blush or soft pink, the lightest pink of all.

**DUKE OF WESTMINSTER.** Beautiful rosy-claret, of large size.

**MRS. DUGDALE.** A large finely-formed flower of a peculiar shade of primrose overlaid with crimson rose.

**GORGEOUS.** Bright orange-pink shaded rosy-lilac; flowers of good size.

**HER MAJESTY.** Large finely-hooded flowers of beautiful soft rose, deep and glowing.

**KATHERINE TRACY.** Soft rosy pink, light at edges; a fine, large flower.

**LADY MARY CURRIE.** The brightest colored of all sweet peas; color, deep orange-pink, delicately shaded rosy-lilac.

**LADY GRISEL HAMILTON.** The best of all lavender sorts; flowers of fine hooded form and extra large size; very light and dainty in effect.

**CULTURE**—The seed should be sown as early as the ground can be worked in the spring to enable the vines to get a good strong growth before the warm weather comes. They are usually grown in double rows with a wire trellis or a row of brush between. Make a trench six inches deep; in this sow the seed plentifully two inches deep. As soon as the plants begin to show through, fill up the trench with soil. This will secure a deep planting without the bad effects of deep covering of the seed at first. As the flowers come in full bloom or fade, they should be cut off, for, if the pods are allowed to form they will stop blooming. **REMEMBER**—1st. Sweet Peas do best in rich, moist soil. 2nd. Do not loosen soil around the plants. 3rd. Plant seed in a warm, sunny spot.

A liberal use of Bone Fertilizer worked into the soil will give excellent results.

There are about 150 varieties of Sweet Peas; many are small flowering, slight bloomers, or lack some other characteristic of the fine first-class sort. Our list comprises only twenty-six of the finest and most distinct selection that have yet been grown, and will please the most critical lover of sweet peas. Prices, unless otherwise noted: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**AMERICA.** Heavily striped with bright blood-red on silvery-white ground.

**AURORA.** Standard and wings beautifully flaked with soft, bright orange salmon on a silvery-white ground.

**ADMIRATION.** A delicate shade of rosy-lavender. The flowers are very large and finest-hooded form.

**BLANCH BURPEE.** The flowers are very large, pure white.

**BLANCHE FERRY EXTRA EARLY.** A week earlier than the original Blanche Ferry; pink and white.

**LOTTIE ECKFORD.** A peculiar and delicate shade of blue; wings very wide, long and shaded, lavender deepening to violet at edge.

**DUKE OF SUTHERLAND.** Deep claret; standard wings of bright indigo blue.

**MRS. ECKFORD.** A beautiful shade of light primrose-yellow.

**NAVY BLUE.** Large flowers of a rich glowing violet-purple; an entirely distinct color.

**PINK FRIAR.** Soft carmine-rose, delicately suffused on a silver-white ground.

**PRIMA DONNA.** Large size, finest form; color, light bluish-pink.

**SALOPAN.** The best of all the bright reds, both as to color and size of flower.

**SHAHZADA.** This has a very rich maroon standard and deep violet wings.

**OUR BEST MIXTURE.** This mixture has been made up by ourselves in a most carefully arranged proportion of colors, including the cream of the standard sorts, as well as the most recent novelties, and we can safely say it contains not "Only the Best," but "All the Best." Pkt., 5c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**CHOICE MIXED.** Harvested in mixture. Large pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.



## VERBENAS.

Plants grown from the seed are not only cheaper, but are strong and vigorous in growth, with rich, dark foliage, and continue in bloom until cut off by heavy frosts. Sow seed early in cold frame or shallow boxes in light, sandy soil, in a sunny window, or it may be sown thinly in shallow drills in open ground. When the young plants are well started, they should be thinned or transplanted to stand 12 inches apart in the row.

**HYBRIDA.** Fine Mixed. A very good strain. Pkt., 5c; oz., 30c.



*New Mammoth Verbena.*

**NEW MAMMOTH VERBENAS.** Of unusual size, embracing a wide range of colors. Pkt., 10c;  $\frac{1}{8}$  oz., 40c.

## SWEET VIOLETS.

Sow the seed in May, and when in flower in August or September, transplant in well enriched beds; soon after the snow is off in the following spring they begin to bloom out and throughout the spring will give a profusion of flowers. Finest mixed, pkt., 5c.

**STOCKS.** (Gilly Flowers.) The Ten Weeks' Stocks are generally cultivated and bloom from ten to twelve weeks after being sown; they grow from 6 to 8 inches high, bearing an immense quantity of bloom of delightful fragrance. Mixed, pkt., 10c.

**THUNBERGIA.** (Black-Eyed Susan.) Four feet, beautiful climbers for hanging baskets and lawn vases; flowers trumpet shaped, mixed colors. Pkt., 5c.

## VINCA.

They flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter.

**ROSEA.** Rose, dark-eyed. Pkt., 10c.

**ALBA PURA.** Pure white. Pkt., 10c.

## ZINNIAS.

A very showy plant, with large double imbricated flowers, which might easily be mistaken for Dwarf Dahlias. Sow the seed thinly in drills early in the spring, transplanting the young plants when 2 or 3 inches high to stand from  $1\frac{1}{2}$  to 2 feet apart; or two or three seeds may be planted in a slightly raised hill.

**GIANT FLOWERED DOUBLE MIXED.** This is a mixture of the largest Zinnias yet obtained including the curled and crested varieties, with their most fantastic and graceful forms, as well as the Mammoth Zebra strains, with their curious markings. Pkt., 5c.



*Zinnias—Giant Flowered Double.*

Remember cheap seeds are dear at any price. If the seeds you plant are not reliable, you lose the season's labor and the crop. This is our twentieth year in business in Kansas City and we are pleased to refer you to any of our customers who have planted our seeds during that time.



# CHOICE BULBS AND PLANTS.



*Gladiolus.*

## Gladiolus in Colors.

If to go by mail, add 5c per dozen.

These mixtures will be found to contain flowers equal to finest named kinds and a great range of shades, colors and markings. In assorted dozens you may rely on nearly every bulb to produce a different flower. Our mixtures contain all full-sized bulbs only; not bulblets. Plant in April and May about 3 inches deep.

	Each.	Doz.	100.
Reds of various shades.....	5c	25c	\$1.50
Light and white.....	5c	40c	2.50
Pink of various shades.....	5c	40c	2.25
Striped and variegated.....	5c	40c	2.25
Yellow shades. ....	5c	45c	3.00
Mixed, all colors.....	5c	25c	1.50

We wish our customers to understand we carry no second size or No. 2 grades of bulbs. All are first size. Call at our retail store, 505 Walnut St., and we can quickly convince you.

## Single Tuberous Begonias.

The Tuberous Rooted Begonias are among the most beautiful and desirable of all bulbous plants. For bedding in quantity, and when planted in partial shade and protected from severe storms will give great satisfaction. Single mixed, all colors, 7c each, 4 for 25c; doz., 70c, postpaid.



*Single Tuberous Begonias.*

**GLOXINIA.** New Giant Flowered Hybrids. We know of no bulbous plants that will give such universal satisfaction as the Gloxinia. They are of unrivaled beauty, the soft velvety leaves being surmounted with a cluster of large, lovely, trumpet-shaped flowers of exquisite coloring. They are of the easiest culture and bloom continuously for months. Plant the bulbs in a 5-inch pot in good, rich, light soil, and give a partially shady situation. Mixed colors, each, 10c; 3 for 25c. Seed, pkt., 10c.

## LILIES.

**ALBUM SPECIOSUM.** Pure white, with petals reflexed and slightly tinted pink at the tips; perfectly hardy and altogether one of the finest; 20c each; postpaid, 25c.

**AURATUM.** (Gold-Banded Lily of Japan.) Decidedly the most beautiful of all lilies; the immense white flowers, with crimson spots and golden bands through the center of each petal, are produced in the greatest profusion, and are deliciously fragrant; 20c each; postpaid, 25c.

**RUBRUM.** Rose and white spotted with crimson; very beautiful, free-blooming and distinct variety; 20c each; postpaid, 25c.

**TIGRINUM fl. pl.** (Double Tiger Lily.) Very hardy and free-blooming with beautiful orange flowers, spotted with black; 15c each; postpaid, 20c.

## MADERIA VINE.

Tuberous rooted climber with glossy green leaves, and delightfully fragrant, white blossoms; of very rapid growth, and from new tubers vines will be produced sufficient to cover one side of a cottage in a single season; 2 for 5c; doz., 30c; postpaid, doz., 35c.

## SUMMER FLOWERING OXALIS.

These useful little plants are very effective in masses or beds, and are particularly valuable for edgings. They produce an unbroken row of foliage and showy flowers. Mixed, per doz., 10c; 100 for 50c.



*Amaryllis Johnsoni.*

The roots we offer are all three-year-old roots.

**JACKMANNI.**

Probably the most beautiful climber in cultivation, with rich deep, velvety purple flowers. Three-year-old roots, each, 75c; postpaid, 90c.

**GYPSY QUEEN.**

One of the finest, a strong grower, free bloomer, blossom purple with red tinge. Each, 75c; postpaid, 90c.

**HENRY I.**

A strong grower; flowers from 4 to 5 inches in diameter and pure white. Three-year-old roots, each, 65c; postpaid, 80c.

*Clematis Jackmanni.**Clematis Henryi.**Clematis Paniculata.*

**PANICULATA.** This is a valuable Japanese introduction, one of the finest additions to our list of hardy climbers; a very strong, vigorous plant, and as easily grown as the common Honey-suckle. Each, 35c; postpaid, 40c.

One each of the four varieties of Clematis, \$2.00, not prepaid.

# AMARYLLIS.

**A BELLADONNA MAJOR.** A noble flower from the Cape of Good Hope. The flowers appear in the fall and are a most beautiful satiny rose imaginable, and of exquisite fragrance. Large bulbs, each, 20c; prepaid, 25c.

**A. JOHNSONI.** The flowers of this magnificent variety are large and of fine crimson color, striped with white. Large bulbs, each, 30c; prepaid, 40c.

**FORMOSSISSIMA.** Can be grown in water same as Chinese Narcissus. Blooms early. Deep crimson. Each, 15c; postpaid, 20c. One each of three varieties, 65c, postpaid.

# TUBEROSE.

**EXCELSIOR PEARL.** Very sturdy and dwarf in habit; flower large and double. Each, 5c; doz., 35c; by mail, 45c doz. Per 100, \$2.00; not prepaid.

# CLEMATIS.

For house fronts or pillar vines, nothing can surpass the Clematis in grandeur and beauty.

The roots are perfectly hardy, although the tops die down to the ground every fall. In planting the roots the ground should be dug very deep.



# CANNAS.



In roots only. The twelve varieties offered below are the cream of the recent up-to-date cannas; each one is a perfect gem and should be in every collection. Price, 15c each, or \$1.50 for the entire collection, not prepaid; 20c each, \$2.00 per doz., postpaid.

**ALPHONSE BOUVIER.** 6 ft. Bright crimson flowers; very large; green foliage.

**BLACK BEAUTY.** 5-6 ft. Foliage very rich, glistening bronze color, shaded with black. Leaves have a peculiar crimped, wavy margin. At the head of the list for ornamental bedding plants, where foliage or sub-tropical effect is wanted.

**BUTTERCUP.** Height 3½ ft. Green foliage; true bright buttercup yellow; stands unfavorable weather better than almost any kind.

**DUKE OF MARLBOROUGH.** 4 ft. Finest of the very deep crimson; free bloomer; foliage green.

**EGANDALE.** 4 ft. A most excellent variety. Color, soft currant-red; fine for bedding.

**FLORENCE VAUGHAN.** 4½ ft.

Color, brilliant yellow, spotted with bright red.

**MRS. KATE GRAY.** 6 ft. Broad, massive foliage, bright glossy green; color, rich shade of orange scarlet, overlaid with gold.

**PRESIDENT McKINLEY.** 3 ft. Brilliant crimson, with scarlet shadings.

**MLLE. BERAT.** 4 ft. The nearest approach to a pink in a first-class bedder. Foliage green.

**PENNSYLVANIA.** 6 ft. One of the best of the Italian type. Color, vermilion scarlet, overlaid with orange sheen; foliage, rich green.

**SOUVENIR DE ANTOINE CROZY.** 4 ft. Green foliage; flowers scarlet, bordered with yellow.

**SAM TRELEASE.** 3 ft. Rich, pure scarlet, edged and marked with yellow.

**AN ASSORTED VARIETY** of the old reliable kinds, our selection, 5c each; 50c per doz.; \$4.00 per 100.

## CANNA PLANTS.

**POT GROWN CANNA PLANTS.** For many of our customers who prefer to buy Canna Plants already started, we can furnish the following, ready about April 1st: 10c each; \$1.00 per doz. If to go by mail or express, 15c each; -1.50 per doz., prepaid.

**CHICAGO.** 4 ft. Vermilion scarlet.

**BURBANK.** 4 ft. Canary yellow.

**CHARLES HENDERSON.** 3½ ft. Bright crimson.

**MADAM CROZY.** 4 ft. Crimson scarlet, bordered yellow.

**QUEEN CHARLOTTE.** 3½ ft. Crimson scarlet, with gold border.

**PAUL MARQUANT.** 4 ft. Deep salmon.

The following new Cannas in plants, 25c each, \$2.50 per doz., not prepaid; 35c each, \$3.00 per doz., if prepaid.

**MRS. KATE GRAY.** 6 ft. Orange scarlet.

**TARRYTOWN.** 6 ft. Dwarf, bright red.

**DAVID HARUM.** 3½ ft. Red, bronze leaved.

**PENNSYLVANIA.** 6 ft. Deep rich scarlet.

**PRESIDENT McKINLEY.** 3 ft. Brilliant crimson, with bright scarlet shadings.

**DUKE OF MARLBOROUGH.** 4 ft. Deep crimson.

We have listed only such kinds as have proven the best, and our customers can depend on any variety catalogued. We shall offer no new strains until they have proven better than those already in use.



## Caladium Esculentum.

(Elephant's Ear.)



*Caladium Esculentum.*

For obtaining tropical effects in lawn and garden planting, this beautiful plant takes a prominent place. Grows well in any garden soil, but

should have plenty of water and good, rich soil to obtain best results. When at its best, stands 6 to 7 feet high with bright green leaves 3 to 4 feet long and 2½ feet wide.

Extra large bulbs, 40c each; \$4.00 per doz.

First size bulbs, 25c each; \$2.50 per doz.

Add 10c each for extra large, and 7c for first size, if to go by mail.

## Hyacinthus Candicans

A fine bulbous plant producing in July and August a flower stem 3 to 4 feet high, covered with from 20 to 30 pure white pendant, bell-shaped flowers. It is hardy in most sections of the country, but north of this it would be better to protect it with leaves or long manure. 10c each, 2 for 15c.

## Peonias

Fragrance, 35c each; La Elegance, 35c each; Floral Treasurer, 50c each; Queen Victoria, 35c each.

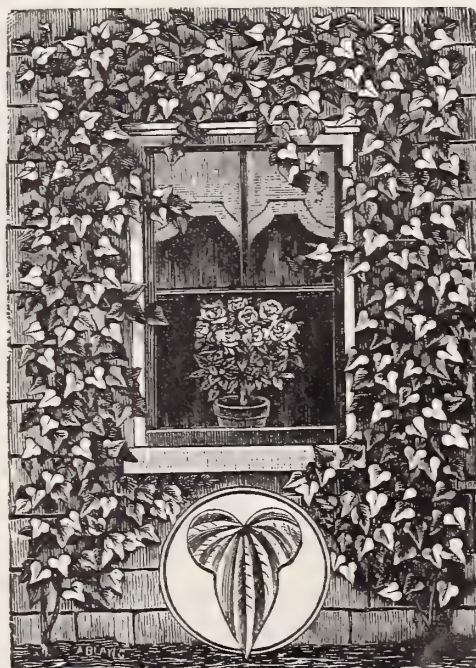
One each of above for \$1.25. Not prepaid.

## HARDY CLIMBING PLANTS.

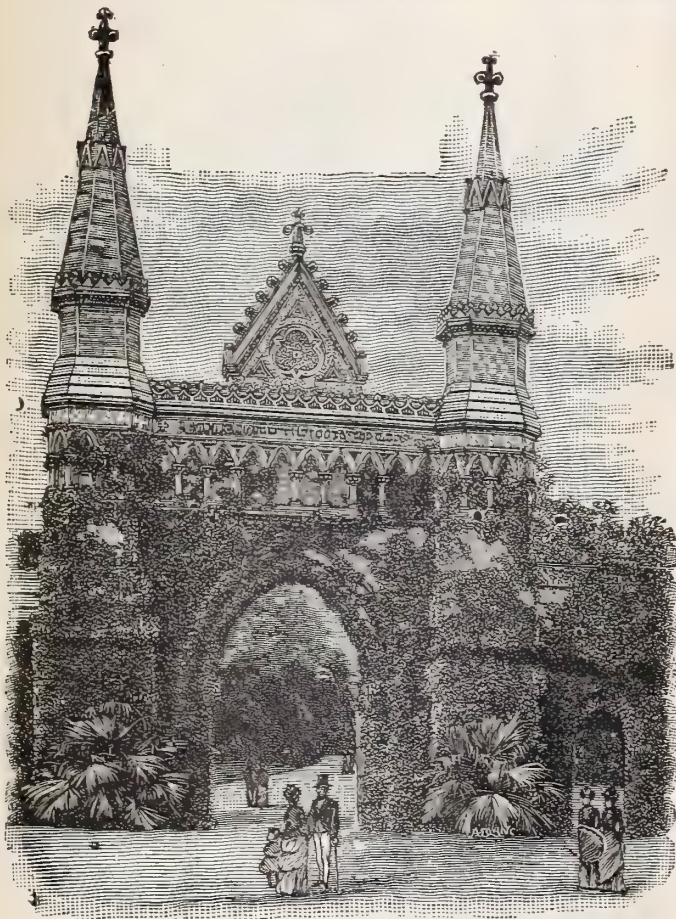
Beautiful, Fragrant

## Cinnamon Vine.

**THE CINNAMON VINE.** From the Oriental land, is one of the most charming climbers, and will quickly surround your arbor, window or veranda with a wonderful profusion of vines covered with handsome, glossy, heart-shaped leaves and sweet scented flowers, making it a perfect bower of beauty—thriving everywhere, and once planted will grow for many years. The vines often run 25 to 40 feet. Beautiful, hardy, entrancingly fragrant. Grows in shade or sun, wet or dry. No insects ever trouble, no winter harms. Once planted will grow a lifetime. Large roots 10c each, 3 for 25c; doz., 75c; postpaid.



*Cinnamon Vine. If planted once will last a life time.*



*Ampelopsis Veitchii (Boston Ivy).*

25c each, 3 for 60c, not prepaid.

**AMPELOPSIS VEITCHII.** (Boston Ivy.) One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage.

**QUINQUEFOLIA.** (Virginia Creeper.) A native vine with handsome foliage turning to bright crimson in the fall.

## Honeysuckle

**HALLEANA.** White, sweet scented.

**SCARLET TRUMPET.** Sweet scented.



# DAHLIAS.

## Show and Fancy.



**DAHLIAS.** Especial attention is being given to the culture of these splendid fall bloomers. Coming, as they do, after most other flowers are gone, their bright colors and cheery appearance lend a charm to the table or centerpiece. Every one should have a few of these old-time flowers. Our stock has been selected with great care.

Set out 3 feet apart, after all danger of frost is over. The plants should be supported by tying to stakes.

## Decorative and Cactas.

**ADMIRAL DEWEY.** Brilliant, imperial purple.

**BLACK BEAUTY.** A grand dark maroon variety.

**GRAND DUKE ALEXIS.** Pure white, distinctly tinged delicate pink.

**WILLIAM AGNEW.** Finest red ever introduced; immense size.

**ZULU.** Very dark maroon, almost black.

**NYMPHAEA.** Clear shrimp, pink.

**AUSTRIAN.** Buff ground shaded with red.

**GOLD DUST.** Burnt orange color; very pretty.

**EARL OF PEMBROKE.** Deep purple maroon.

**MRS. CHAS. TURNER.** Clear lemon yellow; long, pointed petals.

**FERN-LEAVED BEAUTY.** Beautiful fern-leaved sort, white striped deep crimson.

**A. D. LIVONI.** Clear, soft pink.

**AMERICAN BANNER.** Cardinal, striped white.

**FRANK SMITH.** Rich, dark maroon, sometimes tipped white.

**GLORI DE LYON.** Large pure white, round as a ball; largest white in cultivation.

**MISS DODD.** Pure yellow, of exquisite form; handsome flowers.

**FAIR LADY.** Beautiful soft lavender.

**CRIMSON BEAUTY.** Large dark crimson; best of its color.

**BEAUTY OF THE GROVE.** Large light pink buff edge.

**PINK BEAUTY.** Large clear pink.

**PEARL.** Pure white.

**PIONEER.** Dark maroon; very fine.

**APPLE BLOSSOM.** Creamy white, suffused pink.

**RUBY QUEEN.** Clear red.

**GEM.** A beautiful cerise pink, large and fine.

## Pompon Dahlias.

**LITTLE BEAUTY.** Delicate shrimp pink, with beautifully quilled petals.

**SUNSHINE.** A brilliant scarlet; full center and long stems.

**KATHERINE.** Bright yellow.

We have added to our business a department of

## **Cut Flowers**

and can furnish

**Loose Flowers, Bouquets and Designs for all Occasions**

either at home or out of the city. Our Telephone is 1618 Main, both 'phones.



# Hardy Perennial Plants.

These plants live through our winters with little protection. When once planted, always stay.

**ACQUILEGIAS.** (Columbine.) A beautiful plant for the border or rockery; flowers often three inches in diameter; height of plant two feet. Large field clumps; each, 20c.

**COREOPSIS LANCEOLATA.** Flowers bright golden yellow, blooming from June until frost; height 1½ feet. Each, 15c.

**DELPHINIUM FORMOSUM.** (Larkspur.) The best known of all the Larkspurs, blooming in long trusses of deep blue flowers with white eyes. Each, 20c.

**HOLLYHOCKS.** An old-fashioned plant coming into general use again. For planting in masses, by itself, or as a background. Each, 15c.

**HARDY-PHLOX.** Thrive in any ordinary rich soil, the ease with which they are cultivated, their entire hardiness, and the extended season of blooming, make them particularly valuable for garden planting. To prolong the season of blooming, the flowers should be cut off when they commence to wilt down. Field grown clumps in separate colors; each, 15c.



## PAPAVER.

(Perennial Poppy.)

**ORIENTALE.** A charming species producing numerous stout leafy stems 2½ feet high, with immense deep red flowers, having a black blotch at the base of each petal. 20c.

**NUDICAULE.** (Iceland Poppy.) A beautiful class of hardy Poppies. Flower stem about a foot in height, bearing elegant cup-shaped flowers, ranging in color from pure white and yellow to deep orange scarlet; valuable for cut flowers, lasting well when cut, and having a pleasant lilac perfume. We offer in separate colors, white, and yellow. 15c; 2 for 25c.

We carry all kinds of Sprayers and Insect Exterminators. If your plants or shrubs are bothered with worms or insects, call at our Retail Store, 505 Walnut St.

**PLATYCODON GRANDIFLORA.** (Chinese Bell Flower.) Blooms constantly from June until late in September; flowers large bell-shaped, white and blue. Perfectly hardy, three feet high. Each, 15c; 2 for 25c.



*Platycodon.* (Chinese Bell Flower.)

**PINKS.** (Hardy Garden or May.) Valuable dwarf hardy plants, that will grow anywhere, and increase in beauty every year. Field grown clumps. Price, each, 15c; 12 for \$1.50.

## RUDBECKIA.

**RUDBECKIA.** (Golden Glow.) Decidedly one of the brightest and most showy among the hardy plants. It grows five to seven feet tall, with broad heads of yellow flowers, two and three inches in diameter; increases in beauty every year. Strong field roots; each, 25c.

## VIOLET PLANTS.

Sweet Scented.

**CALIFORNIA.** Mammoth Single.

**MARIE LOUISE.** Double Blue.

10c each; \$1.00 per doz.; \$6.00 per 100.



## HARDY PERENNIAL PLANTS--Continued.



*Stokesia Cyanea.*

### Stokesia Cyanea.

(CORN FLOWER ASTER.)

A grand large flowered hardy perennial that is 18 to 24 inches high, covered with large Centaurea-like flowers of a beautiful lavender blue shade.

Blooms July to October, even after frosts have destroyed many of our out-door flowers.

Of easiest possible culture, flourishing wherever given an open sunny exposure. As a single specimen plant, used in mixed borders, or in large masses by itself, it is equally valuable, and by its use some very effective plantings may be worked out. 20c each; \$2.00 per doz.

### Tritoma Uvaria.

(FLAME FLOWER.)

An attractive summer and autumn flowering plant, producing tall spikes of bright orange-red flowers. Commonly known as "Flame Flower" or "Red-Hot Poker Plant." Should be protected by covering of leaves or litter, during the winter, as it is not entirely hardy in some sections. 15c; 2 for 25c.

## ROSES.

### COLLECTION OF EVERBLOOMING ROSES.

Each, 10c; per doz., \$1.00; not prepaid unless otherwise noted (all 2½-inch pot grown.)

**BRIDE.** Most popular pure white rose.

**BRIDESMAID.** A delightful shade of bright pink; the most popular pink Tea Rose.

**BURBANK.** Very fragrant; flowers large and double; color, cherry, crimson, and profuse bloomers.

**CHAMPION OF THE WORLD.** A rich, deep, rosy pink; perfect shape, both in bud and blossom.

**CLOTILDE SOUPERT.** The most famous pot and bedding rose; color, pearly white to purest rose, and delightfully fragrant.

**ETOILE DE LYON.** One of the most beautiful yellow tea rose for general planting; very hardy.

**FRANCISKA KRUEGER.** Unlike any other rose; a beautiful coppery yellow; large flowers.

**GRUSS AN TEPLITZ.** A very beautiful red.

**MAMAN COCHET.** One of the very best Tea roses for out-door blooming; deep rosy pink.

**MARIE GUILLOT.** Color pure white; sometimes tinted pale yellow; large and double to the center; best Tea Rose for out-door bedding.

**QUEEN'S SCARLET.** Bright crimson scarlet flowers; a profuse bloomer; fine for beds.

**YELLOW SOUPERT.** (Mosella.) A splendid pot and bedding rose; the color is a white tint on beautiful light yellow ground.

**LOUIS PHILLIP.** Velvety crimson; profuse bloomer.



*Champion of the World.*

**SUNRISE.** In close bud form it shows the high brilliant colors seen only in Austrian copper, scarlet and yellow. As it opens the color deepens, the scarlet turning dark. Each, 15c; \$1.50 doz.; not prepaid.



## HARDY HYBRID ROSES.



**HERMOSA.** Always in bloom and always beautiful; the color is a most pleasing shade of pink.

**LA FRANCE.** The most perfect type of a cut flower rose. Delicate silvery rose, shaded with pink; flowers continually throughout the season.

**MARSHALL P. WILDER.** A rose of unusual excellence; flowers large; color, bright cherry red, changing to crimson.

**PAUL NEYRON.** The largest flowered in cultivation and one of the most prolific bloomers; color, deep clear rose, very fresh and attractive. The plant is an exceptionally good grower, making straight shoots 4 to 5 feet high in one season, and each shoot tipped with an immense flower, often 5 inches in diameter.

**JUBILEE.** A grand addition to the list of dark colored Hybrid Perpetuals. Of vigorous growth, yet short jointed and compact; color, pure red, shading to crimson and maroon at the base of petal, forming a coloring equaled by that of no other Rose. The buds are long, held by long, stout flower stems, valuable for cut flowers. 20c.

**GENERAL JACQUEMINOT.** Rich, velvety crimson, changing to scarlet crimson. A magnificent rose and well known.

Hybrid Perpetual Roses are the most valuable roses for out-door planting wherever a permanent bed is desired. They are perfectly hardy and will stand our most severe winters, and when once established they improve in beauty every year. They will do well almost anywhere, but delight in a deep, rich soil. A mulching of straw or leaves will greatly benefit them if applied in the fall and allowed to remain until spring.

Our collection contains the choicest of the new and old varieties; two-year-old, out-door grown, dormant plants. Price, 35c each; 3 for \$1.00; \$3.50 per doz., not prepaid; by mail, add 7c per plant.

**ANNA DE DIESBACH.** Bright rose color, very large and showy; particularly firm in bud; vigorous grower and persistent bloomer.

**AMERICAN BEAUTY.** The largest, sweetest and best of all hardy roses; a genuine hardy ever-blooming rose. Color, rich crimson; its fragrance is wonderfully sweet.

**COQUETTE DES BLANCHES.** One of the best white Roses of its class; fine form, pure white, with beautiful shell-shaped petals. Very suitable for cemetery planting.

**VICK'S CAPRICE.** By far the best striped hardy Rose. Flowers large, and bud and flower are perfect in form; color, soft satiny pink, distinctly striped carmine. Excellent for cutting.

**DINSMORE.** A continuous bloomer of dwarf, compact habit. Flowers large and very double, of a beautiful, deep crimson shade.

**GENERAL WASHINGTON.** Color bright shining crimson; flowers large and perfectly double; blooms the first season and almost constantly.

**MRS. JOHN LAING.** A splendid hardy perpetual. Immense flowers, full and double; bloom on long, stiff stems in great profusion and exceedingly sweet; buds long and pointed. Color, bright, shining pink, exquisitely shaded.

**SOLIEL D'OR. (Golden Sun.)** A new hardy yellow rose thoroughly distinct in habit of growth. Color, a blending of reddish gold, orange, yellow nasturtium, red and pink not found in any other rose, from which it derives its name, "Golden Sun." A strong, robust flower; petals well incurved, forming double flowers. The colors of this rose are not found in any other flower.

**HELEN GOULD.** A very hardy, strong, growing continuous bloomer; color, rosy crimson. Equal in color, form and fragrance to the American Beauty. Flowers full and perfectly double, with long-pointed buds, which grow in profusion on long, strong stems.

**JOHN HOPPER.** One of the most popular of the hardy perpetuals; flowers large and full. Color, brilliant rose, changing to pink shaded with crimson; sweet and a profuse bloomer.



# Moss Roses

No rose garden is complete without the Moss Rose. They are as hardy as any rose can be, and are vigorous growers and are much admired on account of their beautiful buds which are covered with a moss-like covering. They bloom but once a year, but the flowers are large, beautiful and plentiful. Strong field-grown plants. Price, each, 40c; 2 for 75c; 1 each for \$1.35, not prepaid.

**HENRI MARTIN.** Large, globular flowers, full and sweet; rich, glossy pink, tinged with crimson.

**LUXEMBURG.** Bright crimson; large and beautifully mossed.

**PERPETUAL WHITE.** Nicely pointed bud, pure white.

**GLORY OF MOSSES.** Large and perfectly double. Color deep rose carmine, shaded crimson; fragrant.

## Climbing Roses.

**FOUR OLD FAVORITES THAT "WE PLANTED ON THE FARM."** Prairie Queen, Tennessee Bell, Empress of China, Seven Sisters. Each 35c; or one of each for \$1.50; by express, not prepaid.

**PRAIRIE QUEEN.** An old standard variety, one that our mothers grew. No collection of hardy climbing roses is complete without it. Bright rosy red, large compact and globular flower, and very vigorous in growth.

**TENNESSEE BELLE.** Bright rose color; a vigorous climber and free bloomer.

**EMPRESS OF CHINA.** A hardy, free blooming rose, of good size, blooming in clusters. Color, bright pink; very productive. It is practically ever blooming. On good sized plants, when well established, flowers may be expected the whole season.

**SEVEN SISTERS.** A splendid Rose, blooming in clusters; crimson, changing all shades to white.

**DOROTHY PERKINS.** Properly classed as climbing rose, sweet scented, hardy and vigorous, a profuse bloomer; flowers double, bloom in clusters of from six to ten with crinkled petals. Buds pointed. Color a beautiful shell pink lasting a long time without fading.



*Moss Rose.*

## Rambler Roses.

We offer to our customers this year the four popular Ramblers, Crimson, Yellow, Pink and White.

Price: Large, 2-year-old, dormant plants, field grown, by express, not prepaid, 35c each; 3 for \$1.00. We will send you the collection, one of each, for \$1.25.

**PINK.** Resembles the Crimson Rambler in every respect, except color, which is a clear pink, often changing to a creamy white when fully matured.

**YELLOW RAMBLER.** The one hardy yellow climbing rose, and beautiful when in bloom whether planted by itself or grouped with other Ramblers. Flowers, yellow, borne in clusters.

**CRIMSON RAMBLER.** The Crimson Rambler is the most popular of the Rambler varieties. It begins to flower about the middle of June and remains in flower longer than any other hardy outdoor rose. It blooms in large clusters, with from 50 to 100 in a cluster, covering the vine its entire length with a solid mass of the most beautiful and perfectly shaped miniature crimson blossoms. It is vigorous in growth, often making shoots 10 to 12 feet long in one season. May be grown in any position, pegged down to the ground in beds, trained to porch pillars, the side of a building, or on trellises.

**WHITE RAMBLER.** A worthy companion for the other Ramblers. Same in habit of growth, form and flowers. Perfectly hardy, flowers borne in good sized clusters. The pearly white flowers contrast nicely with those of the Crimson Rambler, and makes a beautiful display when planted together. Flowers are quite fragrant and last a long time after being cut.

SEE BABY RAMBLER, NOVELTY PAGE,  
BLOOMS FROM JUNE TILL FROST



# HARDY ORNAMENTAL SHRUBS.

All Shrubs offered below are Two and More Years Old, Transplanted.

**ALTHEA.** (Rose of Sharon.) Produces its large Camelia-like flowers from mid-summer until frost when few other shrubs are in bloom. Each, 45c.

WHITE.

PINK.

RED.

PURPLE.

**CALYCANTHUS.** (Sweet Scented or Allspice.) A handsome shrub; flowers purple with an exquisite flower and wood fragrance. Each, 45c.

**DEUTZIA, PRIDE OF ROCHESTER.** Early spring flowering shrub with long, graceful spikes of white flowers from every bud or eye, handsome lawn shrub. Each, 40c.

**PHILADELPHUS.** (Mock Orange.) Vigorous growing shrubs with fine pure white flowers and bright handsome foliage. Each, 40c.

**VIBURNUM STERILIS.** (Common Snowball.) Well known to everyone. Each, 30c.

**WEIGELIA.** Beautiful shrubs, that bloom in June and July; very desirable for the border or for grouping. Each, 40c.

White.

Double White.

Double Pink.

**LONICERA FRAGRANTISSIMA.** (Fragrant Upright Honeysuckle.) A spreading shrub with deep green foliage and fragrant white flowers appearing before the leaves. Each, 35c.

**HYDRANGEA PANICULATA GRANDIFLORA.** Blooms profusely from July until frost, in immense white panicles, often measuring 10 to 12 inches, gradually changing to rose color. Large plants, each, 50c.

**LILACS.** These are too well known to need description.

White. Each, 35c.

Purple. Each, 35c.

## SPIRAEAS.

**Van Houttei.** One of the most beautiful of all shrubs; pure snow-white flowers, borne in elegant plume-shaped clusters. Large plants. Each, 40c.

**Thunbergii** (Thunberg's Spiraea). A very pretty white flowering variety with narrow linear leaves; valuable for forcing; one of the first to flower. Each, 40c.

**Prunifolia.** (Bridal Wreath.) Equally pretty like above; blooms in May, with pure white double flowers. Each, 40c.

**Anthony Waterer.** A dwarf bush about two feet high, covered from spring to late in the fall with large heads of crimson flowers; grand for border to taller growing shrubs. Fine plants. Each, 40c.

## Privet Ovalifolium.

(California Privet.)

Makes one of the most handsome hedges imaginable. Wherever a close compact hedge is desired, we recommend California Privet. Should be planted 8 or 10 inches apart to give best results. 10c; \$2.50 for 50; \$4.00 per 100.

# FRUIT TREES.

**PEACH, PEAR, PLUM, CHERRY.** We have arranged with one of our oldest and most reliable nurserymen to furnish the following select trees, of the most popular varieties. These will be packed and shipped by freight or express, delivered f. o. b. cars Kansas City, Mo., or express office, not prepaid.

## PEACHES.

4-6 ft., 20c; 5-6 ft., 25c.

**ALEXANDER EARLY.** (Cling.) Good quality; fine flavor; very early.

**CHAMPION.** (Freestone.) Very hardy; matures about August 15th.

**ELBERTA.** (Freestone.) Finest yellow freestone in cultivation; family favorite; last of July.

**GENERAL LEE.** (Cling.) Creamy white; September 15th.

**MOUNTAIN ROSE.** July.

**OLD MIXON.** (Cling.) Pale yellow. August.

**OLD MIXON.** (Freestone.) Pale yellow, August.

## GRAPES.

**CAMPBELL'S EARLY.** One-year old, 30c; four for \$1.00; \$2.50 per dozen. Two-year old, 35c; three for \$1.00; \$3.50 per dozen.

**CONCORD.** One-year old, 10c; six for 50c; 85c per dozen. Two-year old, 15c; six for 75c; \$1.25 per dozen.

**MOORE'S EARLY.** One-year old, 15c; six for 75c; \$1.25 per dozen. Two-year old, 20c; six for \$1.00; \$1.50 per dozen.

## PEARS.

Two-year old, 35c.

**WILDER'S EARLY.** Medium size; greenish yellow.

**DUCHESS D'ANGOULEME.** Very large; greenish yellow; a general favorite. September and October.

**KIEFFER'S HYBRID.** Valuable for table and market. September and October.

## PLUMS.

One-year old, 40c; two-year old, 50c.

**POTTAWATTAMIE.** Very hardy; an immense bearer; fruit, yellow overspread with bright pink. July.

**WILD GOOSE.** Rich, crimson. July.

## CHERRIES.

One-year old, 40c; two-year old, 50c.

**ENGLISH MORELLO.** Medium to large; blackish red. July.

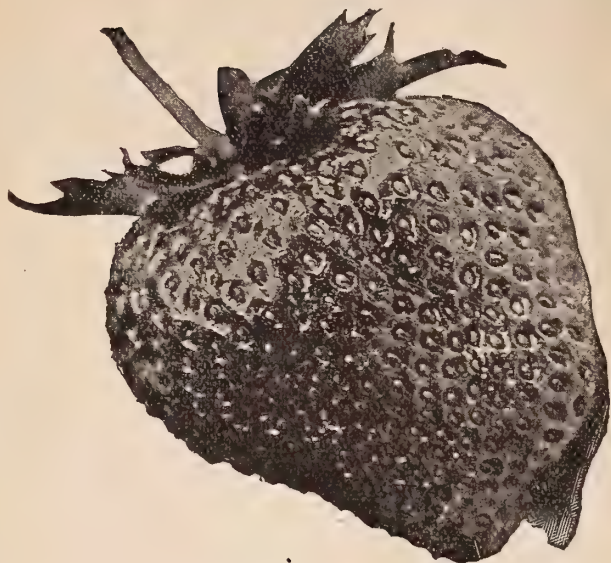
**EARLY RICHMOND.** Medium size; dark red. June.

**LARGE MONTMORENCY.** Large, red cherry. July.

If in want of any other kind of Fruit Trees, Vines, etc., ask us for prices.



## STRAWBERRY PLANTS.



**CULTURE**—Strawberries will succeed in almost any soil that is adapted to farm or garden crops. Soil should be thoroughly prepared, well drained and enriched. To produce large fruit, keep in hills, pinching runners as soon as they appear. Ground should be kept thoroughly clean and well cultivated. In the winter, a covering of straw or leaves will protect the plants. Do not cover them, however, until the ground is frozen, and then not so deep as to smother them. Remove covering before growth starts in the spring. Plant in rows, 3 to 3½ feet apart, 15 to 18 inches in a row.

**Dip the plants in water as soon as received**, and bury the roots in moist, shady ground until you are ready to set them out; neglect for an hour or so is often fatal.

### BLACKBERRIES.

**EARLY HARVEST.** One of the most valuable where earliness is sought, being one of the first to ripen. Good shipping qualities; compact dwarf grower, enormous bearer; fruits, medium size; black, and of excellent quality. Price, per 100, \$1.25; per 500, \$6.00; per 1,000, \$10.50. By express not prepaid.

**SNYDER.** Extremely hardy, enormously productive, medium size; no hard, sour core; only half as many thorns as Lawton or Kittatinny, and they are short; most prolific Blackberry grown. Price same as Early Harvest.

**TAYLOR.** Berries of fine flavor, larger than Snyder. Canes of vigorous growth, iron-clad hardness and wonderfully prolific. Ripens late. 10c each; dozen, 75c; 50, \$2.25; 100, \$4.00.

### CURRANTS.

Good two-year-old strong plants, 15c each; \$1.25 per dozen; \$5.00 per 100.

**LARGE CHERRY.** The largest of all the red Currants; berries sometimes measure half an inch in diameter; bunches are short; very vigorous. The kind to plant in the city.

**RED DUTCH.** Standard old variety.

### GOOSEBERRIES.

Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit.

**DOWNING.** Large, handsome, pale green, and of splendid quality for both cooking and table use; bush a vigorous grower and usually free from mildew. 10c each; \$1.00 per dozen; 50, \$4.00.

**HOUGHTON'S.** Small to medium; roundish, oval, pale, red, sweet, tender, very good; plants spreading; shoots slender, enormously productive. 10c each; \$1.00 per dozen; 50, \$4.00; 100, \$7.00.

**STRAWBERRY PLANTS.** We can furnish the following varieties of Strawberry plants:

Price: 25. 50c; \$1.00 per 100, prepaid. Per 500, \$2.50; per 1,000, \$4.50; per 5,000 lots, \$4.00. per 1,000, not prepaid. These to come by express. Do not ask us to ship by freight. Delivered at express office, Kansas City, Mo.

**BRANDYWINE.** A large, handsome and productive berry of excellent quality. Dark, glossy red; extra good sort for all purposes.

**BUBACH.** A leading market sort; more of this variety being used than any other. Large and uniform in size, fine form and color.

**CLYDE.** A vigorous, healthy grower, making a strong plant, with bright clean foliage. Enormously productive. Very large and firm; conical in shape; scarlet in color.

**CAPTAIN JACK.** A most vigorous grower, healthy and productive; berries large, handsome and solid.

**GANDY.** A reliable late variety; berries bright crimson, very uniform in size and shape; large and firm, plants vigorous and healthy.

**WARFIELD.** A reliable market sort, good flavor, vigorous and productive. Very early.

We can also supply the following standard sorts: Aroma, Bederwood, Bismarck, Glen Mary, Haviland, Marshall and Windsor Chief.

### RASPBERRIES.

**BLACKCAP RASPBERRIES.** (Kansas.) Best home and market berry. Price, doz., 50c; \$1.25 per 100; per 500, \$4.50; per 1,000, \$8.00. By express, not prepaid.

**CUTHBERT or QUEEN OF THE MARKET.** (Red.) Price, doz., 50c; per 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00. By express, not prepaid.

**CUMBERLAND.** The largest of all Black Caps. A healthy, vigorous grower, throwing up stout, stocky well branched canes that produce immense crops of magnificent berries. Fruit very large, firm, quality about same as Gregg, keeps and ships as well as any of the blacks. Each, 10c dozen, 75c; 50 \$2.25; 100, \$4.00.





## Miscellaneous Farm and Field Seeds.

We pay particular attention to Grass Seed shipped out to our customers. Seeds are selected with special care and of the very best quality. We use every endeavor to furnish Grass and Field Seeds free from noxious and foreign weeds. Samples will be cheerfully mailed upon application.

On account of the early publication of our catalogue, it is impossible to make prices on many Field Seeds. They are at market value and are subject to variation. Our customers can depend on having them at ruling prices and of the best quality and will always send as much seed as the money received will pay for.

If in want of large lots, ask for special quotations. We deliver these goods f. o. b. cars Kansas City, customers always to pay freight or express. Two bu. bags in which to ship will be charged at 20c each.



*Kentucky Blue Grass*

### GRASS AND FIELD SEEDS. Ask for prices.

Timothy. Best for meadow and hay.

Blue Grass. Best for pasture.

Red Top. Best for moist soil.

Mixed Lawn Grass.

Permanent Pasture Mixed. Good everywhere.

Orchard Grass. For sowing among trees and shady places.

English Blue Grass. Good for meadows.

Johnson Grass. Rocky, rough land.

Bronius Emirus. Valuable for dry land.

Sweet Vernal. Good with pasture or mixed lawn grass.

Bermuda Grass. Valuable for pasture and excellent for saving hillsides which are liable to wash.

### CLOVER. Ask for prices.

Red Clover. For pasture or hay.

White Clover. Permanent pasture and lawns.

Alfalfa. For hay and pastures.

Alsike. For hay and pasture.

### BROOM CORN, SORGHUM, BUCKWHEAT, Etc.

Ask for prices.

Broom Corn, Oklahoma Dwarf.

Broom Corn. Early.

Kaffir Corn. White.

Kaffir Corn. Red.

Cane, Early Amber.

Cane, Early Orange.

Buckwheat, Japanese Silver Hull and Common.

Millet, German, Common and Siberian.

### STOCK PEAS. Ask for prices.

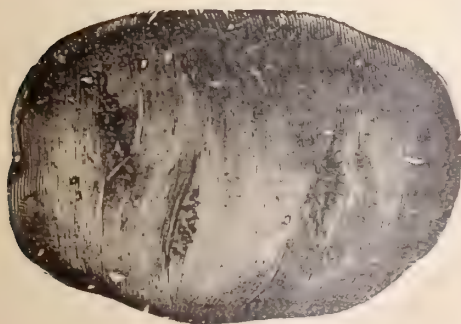
Whip-poor-will.

Clay, Black Eye, Canadian Field.

## POTATOES.

**Early Ohio-**

**WRITE FOR PRICES**



*Early Ohio.*

We commence shipping as soon as danger of frost is over, but will ship when requested at any time when customers wish to take their own risk.

It is useless for gardeners to plant other varieties for early market than the Early Ohio and Tennessee Triumph. These are absolutely the best and earliest potatoes grown, notwithstanding many new-fangled names and varieties are offered each year to potato planters. For small gardens, we recommend The Beauty of Hebron, Michigan Early Rose. For late planting, Rural New Yorker, Burbank's and Peerless. Prices will be made on application. Our stock is all strictly northern-grown.



# NORTHERN FIELD CORN.



*Golden Beauty.*

**CHANGE YOUR SEED CORN.** Recent developments in the corn belt have proven to every corn grower that it pays to change your seed often, and get the very best varieties. Below we list standard varieties which have been sold and grown in our vicinity for the last ten years. Our seed corn is all grown by a professional seed grower and customers can rely upon its being true to name and of the very best quality. Prices are for sacked and delivered f. o. b. cars Kansas City.

## Northern Field Grown Seed Corn.

(If to go by mail add 20c per quart for postage.)

**PRIDE OF THE NORTH.** (90 days.) The earliest corn grown, a 90-day yellow Dent. Planted as late as July 4, it has fully matured by October 1. Quart, 10c;  $\frac{1}{4}$  bushel, 35c; 1 bushel, \$1.25.

**LEAMING.** (90 days.) One of the earliest yellow Dent corns in cultivation. The ears are of good size and handsome, with deep large grains, stalks medium size, generally producing two good ears each. Quart, 10c;  $\frac{1}{4}$  bushel, 35c; bushel, \$1.25.

**IOWA GOLD MINE.** (95 days.) A handsome early corn, ripening a few days after Pride of the North; ears are of good size, very even and uniform in shape, cob small, with very deep grains of a bright golden color. Quart, 10c;  $\frac{1}{4}$  bushel, 35c; bushel, \$1.25.

**EARLY MASTODON.** (100 days.) This new variety has the largest ear and largest grain of any early dent corn. It grows strong, rank, quick, and makes the finest shelled corn of all, being purely dent of two shades of white and yellow. Can be grown with equal success in all sections. Quart, 10c;  $\frac{1}{4}$  bushel, 35c; bushel \$1.25.

**EARLY LARGE YELLOW DENT.** This is the largest early, yellow corn. Ears are very uniform in size and shape; fine golden color; matures in ninety days. Qt., 10c;  $\frac{1}{4}$  bu., 35c; bu., \$1.25.

**GOLDEN BEAUTY.** (110 days.) Ears 12 to 14 rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. Quart, 10c;  $\frac{1}{4}$  bushel, 35c; bushel, \$1.25.

**CHAMPION WHITE PEARL.** (100 days.) Stalk short and thick. The grains are pure white, deep and heavy, highly recommended. Quart, 10c;  $\frac{1}{4}$  bushel, 35c; bushel, \$1.25.

**HICKORY KING.** (110 days.) A very productive white field corn, stalk bears two good ears, and occasionally three. Will make more shelled corn to a given bulk or ear than any other variety. Quart, 10c;  $\frac{1}{4}$  bushel, 40c; bushel, \$1.50.

**BLOODY BUTCHER.** Sometimes called the Squaw Corn, similar to Golden Beauty, except kernels are deep red. This corn has a very soft cob, and is highly prized by stock feeders as the stock will eat the corn, cob and all. A very prolific yielder. Quart, 10c; peck, 40c; bushel, \$1.50.

**IOWA SILVER MINE.** (100 days.) The ears measure from 10 to 12 inches in length and often weigh  $1\frac{1}{2}$  lbs. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. Quart, 10c;  $\frac{1}{4}$  bushel, 35c; bushel, \$1.25.

## OATS.

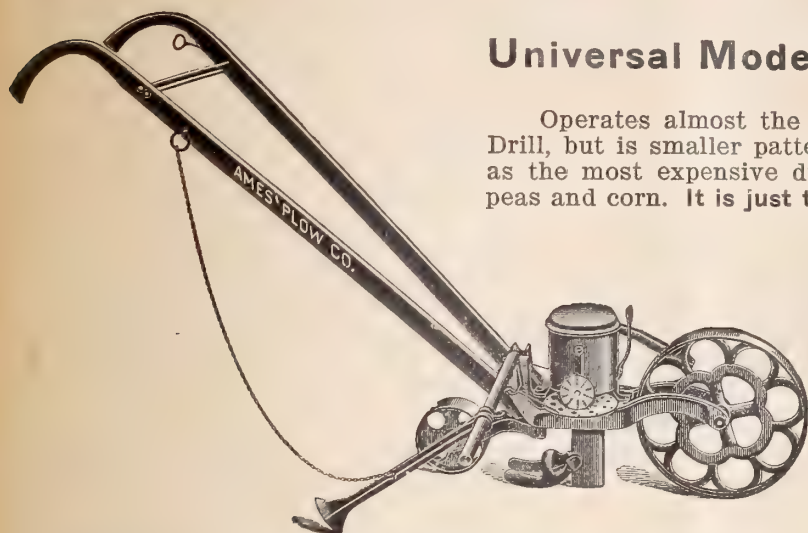
**RED RUST PROOF OATS.** Very early, rust proof, does well on thin ground and does not lodge, will bear neglect or a bad season and still make a crop.  $\frac{1}{4}$  bushel, 25; 1 bushel, sacked 75c; 5 bushels, 65c per bushel. Ask for prices on large lots.

We have found none to equal the Old Red Texas Oat, and we have discarded all others. These we know will prove satisfactory, while other varieties may not.



# DRILLS, WHEEL HOES, HAND PLOWS, ETC.

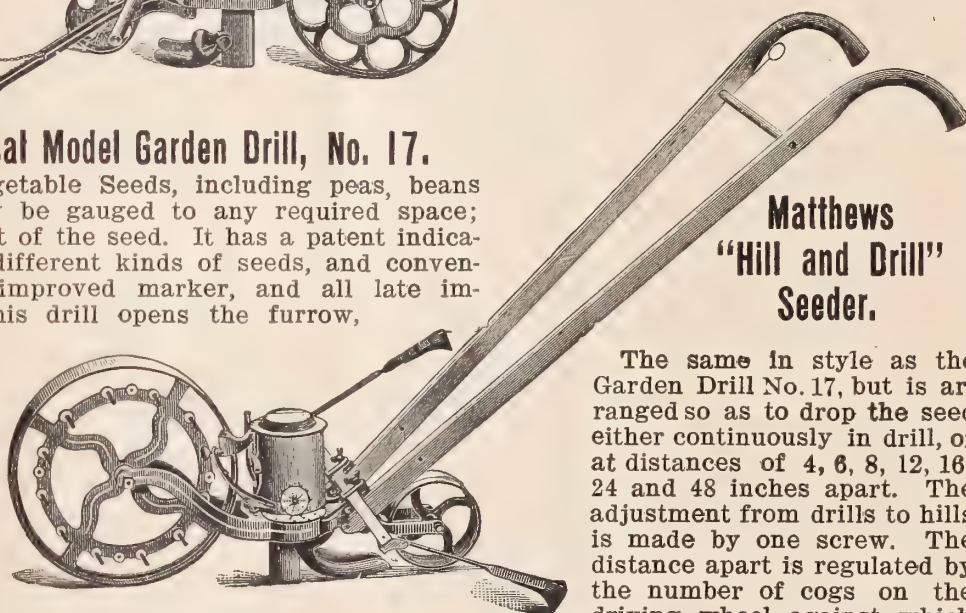
## Universal Model Gem Seed Drill, No. 18.



Operates almost the same as the regular Matthews Garden Drill, but is smaller pattern. It will sow most seed as perfectly as the most expensive drill, but is not large enough for beans, peas and corn. It is just the thing for people with a small garden where fine seeds such as turnips, onions, carrots, etc., only, are planted. It will make the furrow, drop and cover the seed and mark the next row as perfectly as any machine. Price, boxed, \$5.00.

## Matthews New Universal Model Garden Drill, No. 17.

Sows all kinds of Vegetable Seeds, including peas, beans and corn. The depth may be gauged to any required space; will make a uniform deposit of the seed. It has a patent indicator bearing the names of different kinds of seeds, and conveniently located. Has the improved marker, and all late improvements (see cut). This drill opens the furrow, drops and covers the seed, rolls down the earth over it and marks the next row, all by simply pushing the machine forward. Price, boxed, \$7.00.



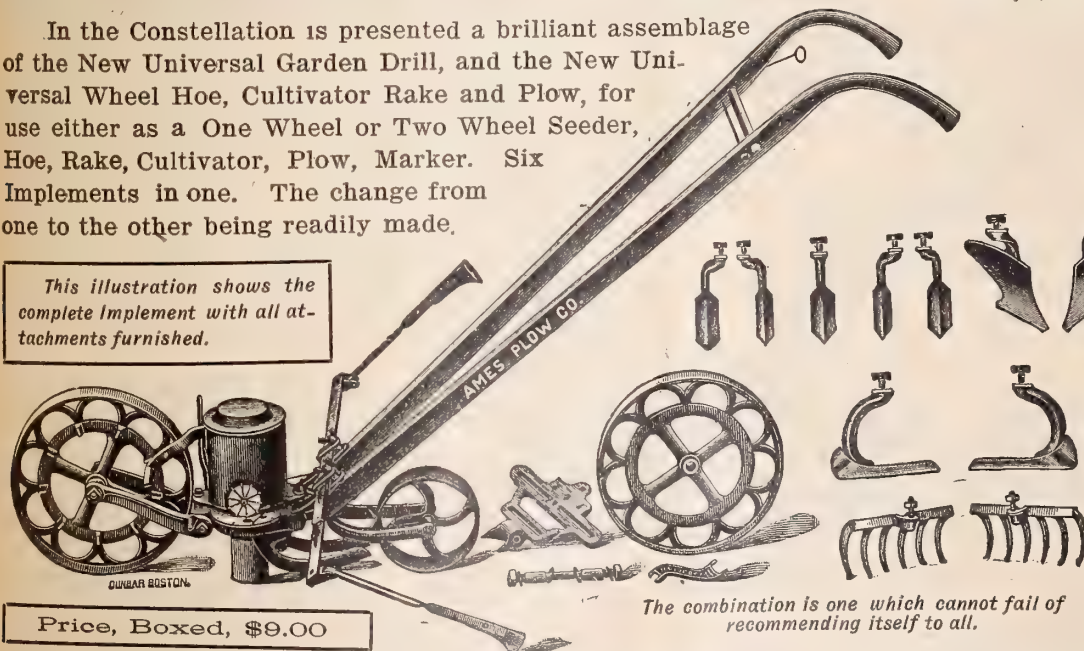
## Matthews "Hill and Drill" Seeder.

The same in style as the Garden Drill No. 17, but is arranged so as to drop the seed either continuously in drill, or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment from drills to hills is made by one screw. The distance apart is regulated by the number of cogs on the driving wheel against which the agitator strikes. Price, boxed, \$8.00.

## Matthews New Universal Constellation Drill

In the Constellation is presented a brilliant assemblage of the New Universal Garden Drill, and the New Universal Wheel Hoe, Cultivator Rake and Plow, for use either as a One Wheel or Two Wheel Seeder, Hoe, Rake, Cultivator, Plow, Marker. Six Implements in one. The change from one to the other being readily made.

This illustration shows the complete Implement with all attachments furnished.



Price, Boxed, \$9.00

The combination is one which cannot fail of recommending itself to all.

## CULTIVATING ATTACHMENTS.

Are shown Detached. They are:

1 Cultivator Frame, 1 Pair Hoes, 1 Pair Plows, 1 Pair Rakes, 1 Pair Narrow Cultivator Teeth, 1 Pair Wide Cultivator Teeth, 1 Center Cultivator Tooth, 1 Pair Markers.

**SPECIAL FEATURES** of this implement are: When used in straddle row cultivation, there is no projection beneath the frame to interfere with plants; it may be used either astride or between the rows.

Remember, this is the only combination implement made, that can be used either as a seeder, or as a cultivator, with one or two wheels as desired. Every gardener should have one, even if he does not cultivate more than one-eighth of an acre of the ground.

We carry the best line of implements for planting and cultivating vegetable crops to be found in America.



## New Universal Double Wheel Hoe, Cultivator, Rake and Plow.

Price, boxed, \$6.00.

Specially designed for working both sides of the row at one passing. This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which cannot fail of appreciation. The special recommendation is the Adjustable Arch, by which not only the depth of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired. The attachments are: 1 pair hoes, 4 cultivator teeth, 1 pair plows, 1 pair rakes, and 1 pair vine guards.

### New Universal Double Wheel Hoe.

**WITH ONE PAIR OF HOES ONLY.** The same machine as the New Universal Double Wheel Hoe, rakes, plows, cultivator teeth and leaf guards omitted. Price, boxed, \$3.50.

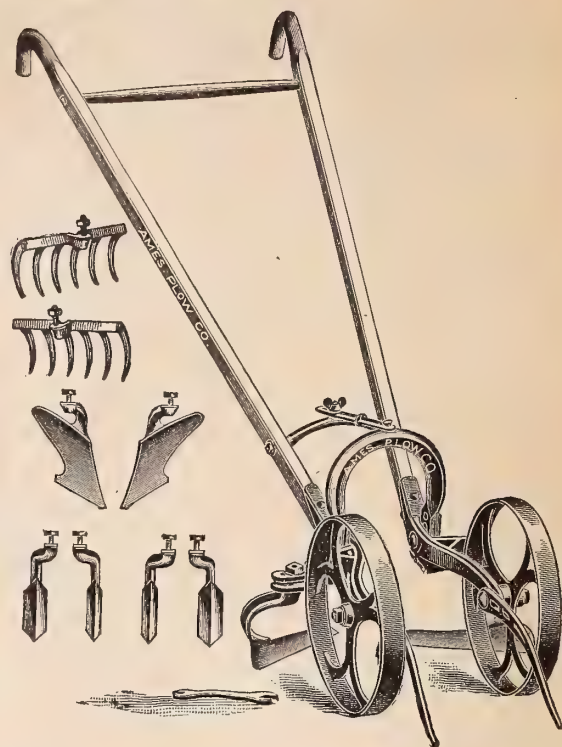
## New Universal Single Wheel Hoe, Cultivator, Rake and Plow.

Price, boxed, with all attachments, \$4.75.

It can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of young plants under center of frame. The attachments are: 1 pair hoes, 5 cultivator teeth, 1 pair plows, 1 pair rakes, and one vine or leaf guard.



**PLANET JR. No. 15 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.** (No rakes.) This is the prime favorite among the older pattern "Planet Jrs." It is particularly rigid and strong. Price, \$7.00.



## New Universal Hand Wheel Plow.

**THIS LITTLE LABOR SAVING IMPLEMENT** is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mouldboard is of steel, polished and tempered. The Hand Plow is also a very useful implement for the poultry raiser, for loosening up the runs or yards. Price, boxed, \$2.75.

### PLANET JR. No. 1.

**PLANET JR. No. 1.** Combined Drill Seeder and Wheel Hoe, Cultivator and Plow. (No rakes.) Satisfactory in every way, both as a drill and as a cultivator. As a seed sower it is the same as No. 2 Drill, but smaller. It has a complete set of cultivating tools; when used as a drill, the seed is sown with great regularity, and an opening plow puts it in a very straight and narrow line and at uniform depth. The hopper holds three pints. Price, \$9.50.

A pair of 6-tooth rakes supplied when specially ordered. Price, 50c.

**PLANET JR. No. 2 DRILL.** As a seed drill, pure and simple, it has a large sale. The sowing cylinder holds three quarts. It sows in an even, regular stream, whether there is much or little in the hopper. It can be set to run deep or shallow, and the seeds are deposited in a very narrow line. Price, \$7.50.

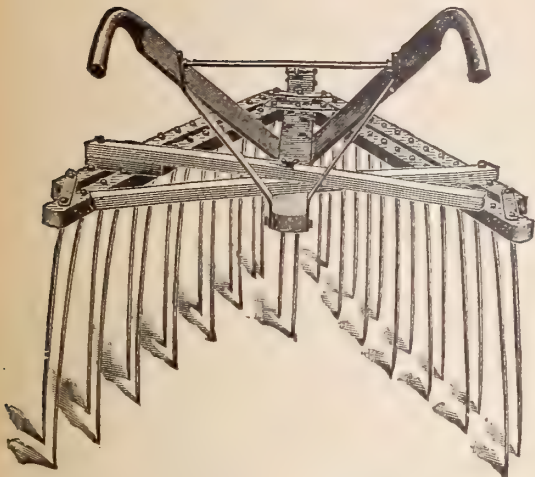
**DOUBLE WHEEL HOE No. 13.** This tool is like above, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools may be added any time. Price, \$4.75.

If interested in Garden Tools, write for Illustrated Catalogue. Sent on application.

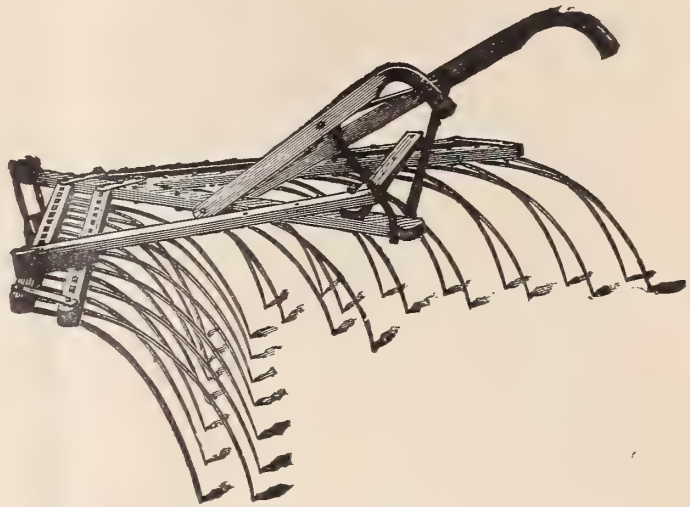
If your horse is sick, get a package of Meyer's Horse and Cattle Spice; it will cure him. If your hens don't lay, get a package of Meyer's Spice for Poultry. Other people say it makes their hens lay. We keep all kinds of Poultry Supplies at our Retail Store, 505 Walnut St.



# The Keystone Weeder.



Narrowed to 30 inches.



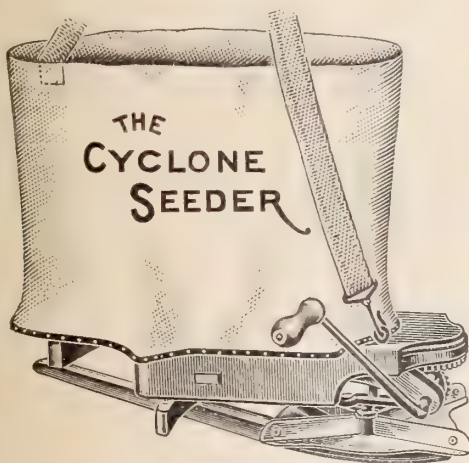
Expanded to 7½ feet.

The "Keystone Weeder" is the only weeder that is adjustable to any depth and width. It has no shafts that will hinder working close to the fence. It will not clog; the long, curved spring teeth are so placed and shaped that clogging is impossible. Twelve to fifteen acres can be covered in a day. It requires but one horse, and a boy can handle it. The teeth will not break. Price, \$6.50.

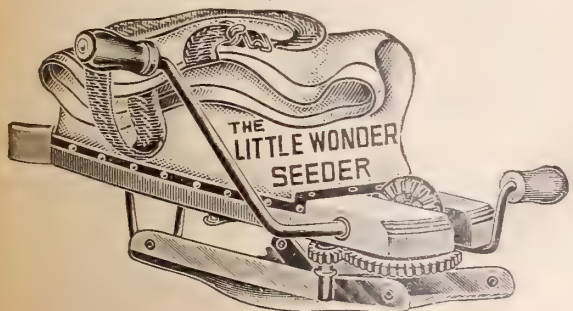
## SEED SOWERS.

The Value of a Good Seed Sower Is Almost Incalculable.

A good Seed Sower will pay for itself in sowing a few acres, both in the saving of seed, beside work is easily done, and in about one-fifth of the time that would be required to sow it by hand. Price, by express or freight, not prepaid, —.



Differs materially and very advantageously from all other Sowers in having a slope feed board with an oblong hopper which terminates in a metal edge on which edge oscillates a feed plate which does not allow the seed to become clogged, but makes a positive force feed and insures a uniform flow and even distribution of seed. Price, \$1.75.



The Chicago Seeder, like the Cyclone, is a strictly first class machine and will do equally well the same amount and kind of work. They differ only in the manner of operation, the Cyclone operating with a crank and the Chicago with a backward and forward movement of a steel bow, through a swivel guide. This machine is sometimes called the "Fiddle Seeder." Price, \$1.50.

This illustration shows the Little Wonder Seeder. It has steel feed plate, oscillating device and spring-steel triangular bearings and adjustments. It will sow all varieties of field grain and seed, but is especially recommended for sowing grass seed. Price, \$1.25.





## THE CLIMAX LAWN WEEDEE

IS A SUCCESS.

It Works Automatically.

Is always ready to grab and hold anything with sufficient grip to remove Root and Branch.

75 cents each.

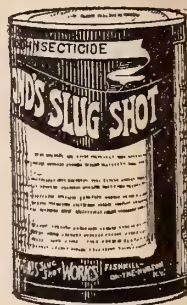


Perforated Tin Screw Top canister for house plants. Can be refilled. Price 25c filled.

## Slug Shot and Insecticides.

Used from ocean to ocean. A light, composite, fine powder, easily distributed either by duster, bellows or in water by spraying. Thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides.

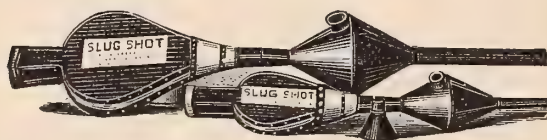
We offer Slug Shot in one pound cartons like cut—very handy to have around.



Perforated top Carton for small gardens, dusting fowls, dogs or cats for lice. Price 15c filled.

5 pound package,	-	-	-	-	-	\$ .35
10 " "	-	-	-	-	-	.65
25 " "	-	-	-	-	-	1.45
Per 100 lbs. "	-	-	-	-	-	5.00

**DUSTERS:** We carry one-half and one gallon Dusters for applying Slug Shot, perforated bottoms.



Small Bellows for Garden, each \$1.25  
Large, 8-inch Bellows, 1.75  
**INSECT DESTROYERS.**

**Bordeaux Mixture**—Prevents black rot, mildew and rust. Destroys fungus growth on vegetables. 1 quart can, 50c; gal. \$1.50.

**Kersonene Emulsion**—To kill Hairy Caterpillars, 1 qt., 50c.

**Hellebore**— $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

**Ant and Roach Exterminator** 25c.

**London Purple**—1 lb. to 200 or 300 gallons of water.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 45c.

**Paris Green**—1 lb. to 200 or 300 gallons of water.  $\frac{1}{4}$  lb., 15c.  $\frac{1}{2}$  lb. 25c; 1 lb., 45c.

**Persian Insect Powder**— $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c

**Tobacco Dust**—5 lbs., 25c; 100 lbs., \$4.50.

**Whale Oil Soap**—Makes an elegant wash for trees and plants where insects and eggs effect the bark.  $\frac{1}{4}$  lb. box, 10c;  $\frac{1}{2}$  lb. 15c.



### DUST SPRAYER

For applying Slug Shot and other Powdered Insecticides; like cut. Price, \$1.00.

### TOBACCO EXTRACT.

For Vaporizing and Spraying. Destroys Aphides and Red Spiders. 30c pint.

### SCROFULARIA POWDER.

For Carpet Beetles, Roaches and Bed Bugs. 25c box.

### GRAPE DUST.

Destroys Mildews, prevents Blights in Greenhouses or Hotbeds. 5 lb. pkg., 40c.

**SULPHO TOBACCO SOAP.** 3 oz. cake 10c; 8 oz. 20c. Not postpaid. If by mail add 1c oz.

SEE OUR SPRAYERS AND SPRAY PUMPS, PAGE 57 & 58.



From experiments tried on the worms that have given us so much trouble in Kansas City, we found that there seemed to be two different kinds, and the remedy that would kill a worm on a maple would have no effect on an elm. For elm trees, use Bordeaux Mixture; for maple trees, use Kerosene Emulsion. A safe rule to follow would be to use Bordeaux Mixture or Hellebore and Paris Green for eaters, and Kerosene Emulsion and Whale Oil Soap for the sucking kind. By examining your plants carefully you can determine which kind are giving the trouble.

We carry all the above solutions; price on page 56.

For Spraying remedies we offer the following:

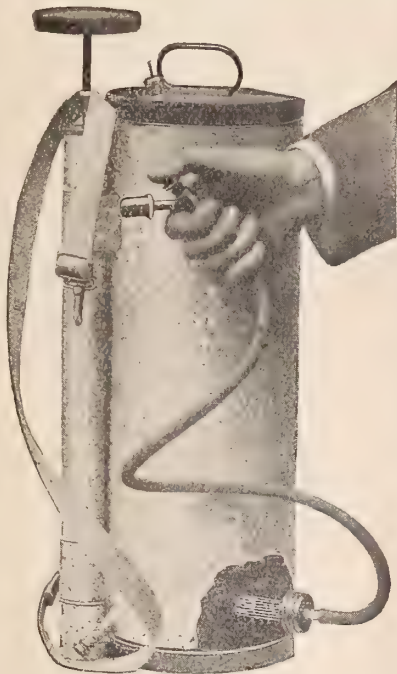
### The "Lightning" Bulb Sprayer No. 15.



The "LIGHTNING" SPRAYER holds 2 quarts, is nicely finished, making it very neat and attractive. This Sprayer is best adapted for Garden use, greenhouses, house plants. Also for washing windows, sprinkling clothes and floors. For killing insects on garden plants it has no equal. Price, \$1.00.

### New "Lightning" Compressed Air Sprayer No. 21

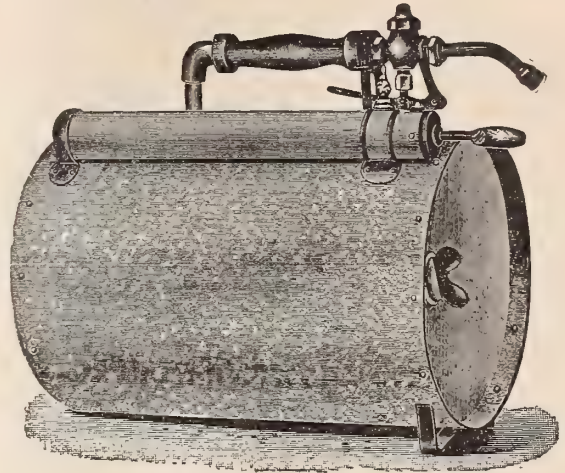
The new Lightning Compressed Air Sprayer is made of heavy galvanized iron or brass, holding about 4 gallons and is provided with a brass safety valve to prevent over pressure, an adjustable shoulder strap with a snap at each end, three feet of the best hose and our automatic brass shut-off nozzle, which is held in one hand and worked at the will of the operator, by simply pressing the thumb a trifle, letting out an instantaneous spray and by releasing the thumb, the stop-cock shuts itself off automatically. It is also provided with our patent brass strainer as shown in cut, so that no sediments can pass through the hose or nozzle, which prevents clogging.



This is a double valve and so constructed that after the air is pumped into the tank there is no danger of this valve leaking, and no matter how strong the ingredients may be they will have no effect on the valve whatever. After the sprayer is charged, all that is necessary is to turn the small nut with the fingers and the valve is locked.

There is no labor required to operate this machine; simply fill the tank about two-thirds full of liquid, pump in a few strokes of air, and the sprayer will do the rest. Price, \$5.00.

## The Lowell Fountain Compressed Air Sprayer.

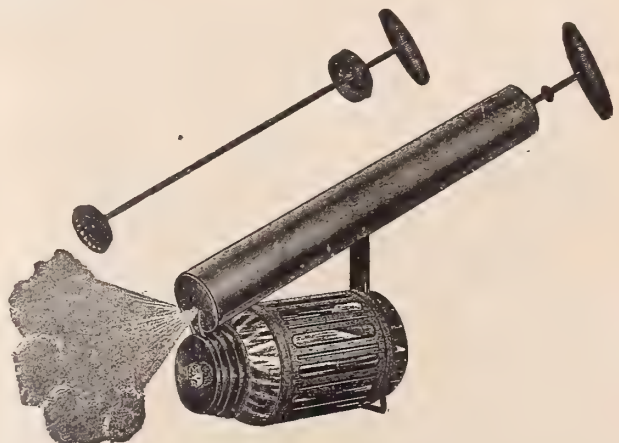


THE LOWELL FOUNTAIN COMPRESSED AIR SPRAYER. This is the latest and most improved sprayer on the market. The handiest to use of any. Easy to carry as a small grip. Works with compressed air and does not require constant pumping. With one filling and a minute's pumping, you can spray 2,000 plants.

The strongest small tank sprayer ever made; constructed of heavy sheet brass or galvanized steel, and is securely riveted like a boiler.

It has a brass cylinder, which is placed outside of the tank and is detachable. The piston which has a 12-inch stroke, forces the air through the check-valve and air tube into the tank. The air tube is fitted with needle-point shut-off cock, which both prevents any back pressure after pumping up, or any moisture reaching the working parts of the pump.

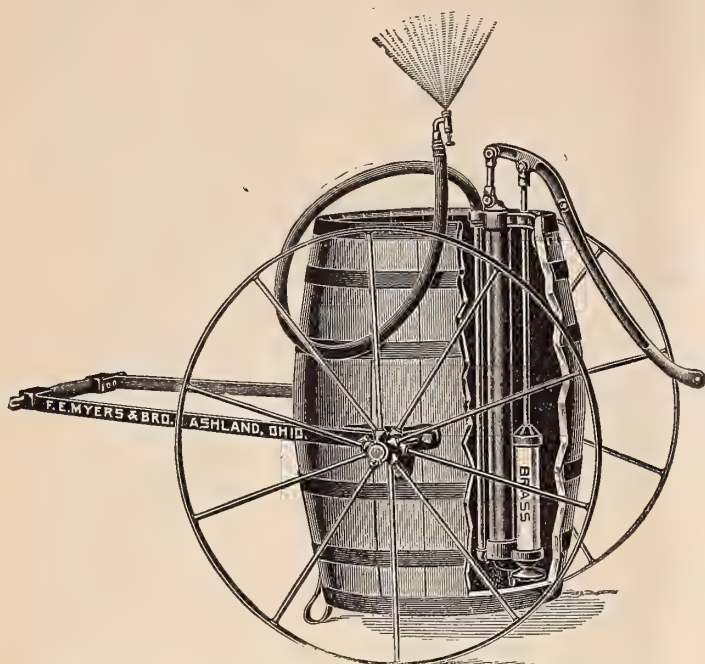
It has an automatic controlling valve which brings the controlling lever of the valve directly under the handle, so that it is easily operated with one finger. These alone will save the cost of the sprayer in making a given amount of solution do so much more work. None is wasted, as the lever cuts off instantly at the operator's will. Price, \$7.00.



No. 20—Encased Glass. (See Cut.) Price, 75c.



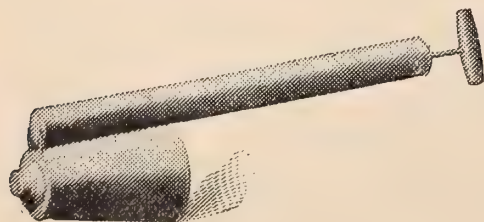
# LIGHTNING COMPRESSED-AIR SPRAY PUMP, NO. 25



Many of our customers have no way of moving this barrel on their lawn and have asked us for a barrel cart. We offer this year a steel barrel cart attached to barrel, 36-inch steel wheel, 1/4-inch tire. No tire to get loose or wood to break. Barrel, truck, pump as in cut, complete, \$16.00. Barrel and pump only, \$10.00. Truck only, \$6.00.

## The Blizzard Sprayer.

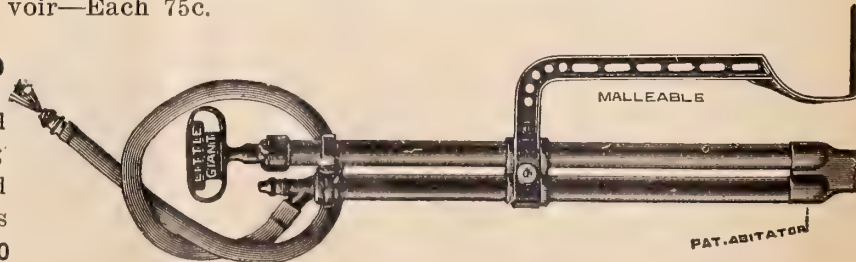
The handiest and easiest working sprayer made for spraying tobacco, potatoes, poultry houses, whitewash, etc. It sells at sight as is evidenced by our experience last summer. Holds one gallon of mixture, and after pumping in a few strokes of air, works continuously. Will throw a spray or stream and is equipped with a stop cock which is so constructed that by reversing the key any sediment that may collect will be forced out, making it practically unclogable. No. 35 galvanized iron, each.....\$2.25



No. 1.

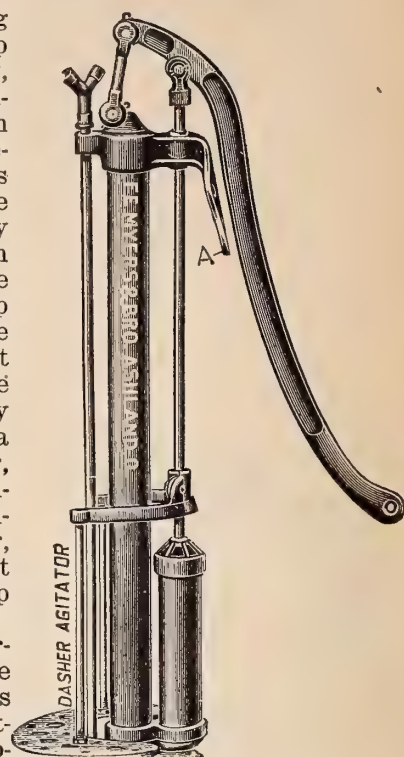
## Little Giant Spray Pump

Constructed entirely of brass; all labor is done on the downward stroke; provided with large air chamber and ball valves, so that the nozzle throws a continuous spray. Each.....\$3.50



The Lightning Barrel Spray Pump has great capacity, and will throw a solid, continuous stream or any size spray desired. The air is compressed into the air chamber, thereby giving an unbroken stream; or with one stroke of the pump handle the pressure is retained so that the working of the pump handle is very slow, and yet giving a great force of water, which is accomplished by the compressed air chamber, making it the most rapid spray pump made.

The agitator thoroughly stirs the liquids and prevents the same from settling. It is also provided with a brass strainer in the bottom of the suction barrel. The suction barrel is made of heavy brass, and ground together, so that all parts fit absolutely air tight, and will not corrode or rust out. This pump is easily and quickly adjusted to any barrel, and provided with means of bolting to the staves of the barrel at the upper end. Price, \$7.00.



## Plant Sprinklers.

Made of best rubber. Indispensable for Window, Garden or House Plants; also useful for sprinkling Cloths, Floor, etc.

4 oz., each.....	60c
6 oz., each.....	75c
8 oz., each.....	85c
10 oz., each.....	90c

Prices per dozen on application.



## Lightning Insect Exterminators.

Every household will have one when they know its value. It is adopted for all kinds of purposes, either for plants in the open field or house plants, shrubs, trees, etc., for spraying walls infected with insects, roosts of poultry houses, etc.

- No. 1—Made of heavy tin—Each 50c. (See cut.)
- No. 2—With a brass reservoir, and the entire machine copper plated and highly polished—Each \$1.00.
- No. 10—Made with galvanized reservoir—Each 60c.
- No. 23—Made only of plain galvanized iron, with large reservoir—Each 75c.



# POULTRY SUPPLIES.

In offering our list of Poultry Supplies, we wish to say to our customers that we carry many different kinds of Feed, Louse Killers and Remedies, and try always to keep up with any new goods of superior quality that come out. We have listed what have been tried and found the best, and as fast as any other new things come out, we will put them in stock.

If you do not find in this list what you want, call at our retail store and perhaps we can supply you or order it for you.

Add one cent per oz. to pay postage if sent by mail.

**200 EGGS TO ONE HEN.** This is the average your flocks should produce; and it is only made possible by the use of Midland Poultry Food.

## MIDLAND POULTRY FORMULAS.

### Ready Mixed.

1. Nursery Chick Food.
2. Growing Chick Food.
4. Egg and Feather Producing Food.
3. Fattening Chick Food.

## MIDLAND POULTRY FOOD.

We have four brands, as shown here, and each one is a specific for its purpose. They are a combination of grains and brans, complete and ready to feed. Needs no green bone or other accessories. Price, 2 bu. \$1.50.

We also sell it in quarter bags at 50c.

## CONKEY'S CHOLERA CURE.

An infallible remedy for cholera, bowel trouble and indigestion. Price 50c, postpaid.

## CONKEY'S ROUP CURE.

**CONKEY'S ROUP CURE.** The only remedy positively known to cure Roup in all its forms, as long as the fowl can see to drink. For Kanker, especially in pigeons, this cure excels all others. One 50-cent package makes 25 gallons of medicine. Directions with every package. If it fails to cure we refund the money. Postpaid, small size, 50c; large size, \$1.00.

**CONKEY'S LOUSE KILLER** never fails to kill. Try it. 25c per package, and 15c extra for postage.

**CONKEY'S EGG FOOD AND POULTRY TONIC** will keep your fowls in perfect health, and produce more eggs than any similar preparation. 25c a package, and 15c extra for postage.

**LAMBERT'S DEATH TO LICE.** This well-known disinfectant will rid your fowls of all vermin; it is cheap and effective; highly recommended.

5-oz. box. . . . .	10c
1-lb. box. . . . .	25c
3-lb. box. . . . .	50c
7-lb. box. . . . .	\$1.00

## LAMBERT'S DEATH TO LICE.

### (Liquid Form.)

1 qt. . . . .	35c
2 qt. . . . .	60c
1 gal. . . . .	\$1.00

## NAP CREOLE-CYPHERS CELEBRATED LICE KILLER.

### (Liquid Form.)

2 qt. . . . .	85c
1 gal. . . . .	\$1.50

**CRUSHED OYSTER SHELL.** Thoroughly screened from all dirt and dust.

3 lbs. . . . .	10c	10 lbs. . . . .	25c
100 lbs. . . . .	75c	5 sack lots, per sack.	70c

## PEARL CRYSTAL GRIT.

3 lbs. . . . .	10c	100 lbs. . . . .	85c
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## MICA SPAR CUBICAL GRIT.

3 lbs. . . . .	10c	100 lbs. . . . .	85c
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**CLOVER MEAL** is today considered by most writers on poultry topics an absolute necessity, and is the standard "green" for winter egg production.

4 lbs. . . . .	25c	100 lbs. . . . .	\$3.00
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## TOBACCO DUST.

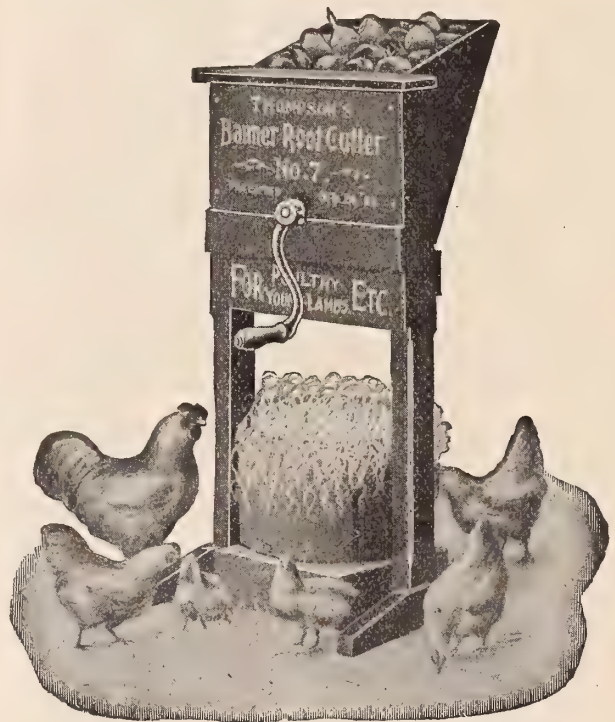
5 lbs. . . . .	25c	100 lbs. . . . .	\$4.50
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## PERSIAN INSECT POWDER.

1/4 lb. . . . .	20c	1 lb. . . . .	50c
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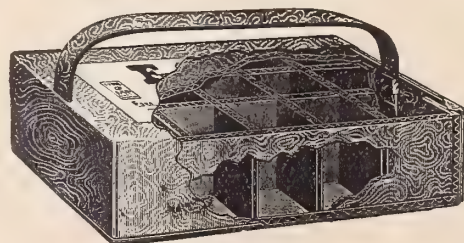
## PILLING'S CAPONIZING TOOLS.

Poultrymen can double their profits by Caponizing their chicks. The operation is very simple—the instructions so full and explicit that any man, woman or child, after a careful reading, will be able to perform the operation. The object of Caponizing is to largely increase the weight of the fowl, causing them in many cases to grow as large as turkeys. Per set, \$2.75, postpaid; \$2.50 not prepaid.



**BANNER ROOT CUTTER.** It cuts all kinds of roots and vegetables into fine shaving-like ribbons; has adjustable steel knives.

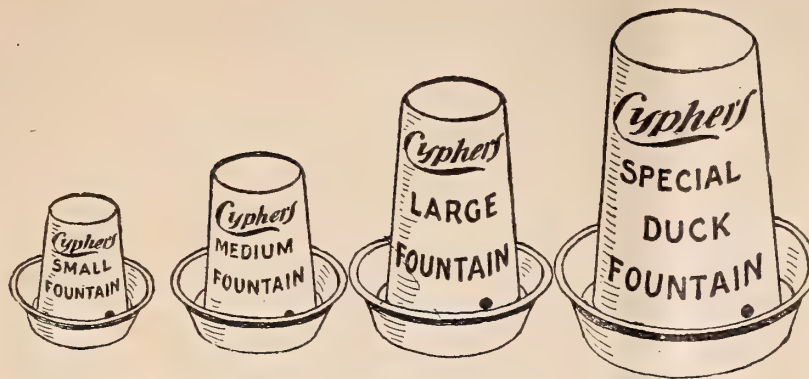
No. 7. . . . . \$5.50



**THE EYRIE EGG BOX** (see cut) speaks for itself. Is the best, lightest, the most easily packed, in fact, the very best all around box yet found for shipping safely, fancy eggs by express.

1 setting, each 15c; per doz. . . . . \$1.25  
2 settings, each 20c; per doz. . . . . 1.90





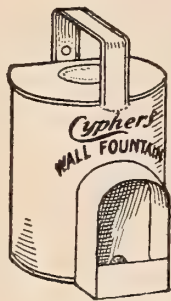
### GALVANIZED IRON DRINKING FOUNTAINS.

**DRINKING FOUNTAINS.** Made of galvanized iron.

Small size. . . . .	25c each
2-qt. size. . . . .	35c each
1 gal. . . . .	55c each
2 gal. . . . .	85c each

### STONEWARE FOUNTAINS.

½ gal. . . . .	35c
1 gal. . . . .	45c

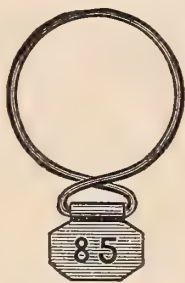


### CYPHER'S WALL FOUNTAIN.

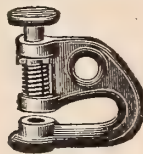
These fountains are something new and extra serviceable in the way of poultry fountains. One side of the back is flattened so it can be hung against the wall. A galvanized iron hood projects over the trough and protects the water from becoming soiled. Price, 75c.

### PIGEON BANDS (Aluminum). See cut.

12 for. . . . .	20c
25 for. . . . .	35c
50 for. . . . .	postpaid, 60c



*Champion Leg Band.*



**LEG BANDS ("Champion").** See cut. Made of aluminum, adjustable to fit any fowl; in two sizes, 3-inch and 4-inch.

12 for. . . . .	25c
25 for. . . . .	40c
50 for. . . . .	75c
100 for. . . . .	postpaid, \$1.00

**LEG BANDS ("CLIMAX")** See cut. made of spring brass, and so made that the tag acts as a clasp. No. 1, ½ inch; No. 2, ⅝ inch; No. 3, ¾ inch; No. 4, ⅞ inch; No. 5, 1 inch. Price:

12 for. . . . .	25c
25 for. . . . .	40c
50 for. . . . .	75c
100 for. . . . .	postpaid, \$1.00

**CHAMPION POULTRY MARKER.** See cut. 25c, postpaid.

### LINSEED MEAL (Ground Oil Cake).

6 lbs. . . . .	25c
100 lbs. . . . .	\$2.00

### LINSEED MEAL (Ground Flax Seed).

1 lb. . . . .	10c
100 lbs. . . . .	\$4.50

### SUNFLOWER.

**BARLEY, MILLET, KAFFIR CORN, WHEAT** always on hand. Ask for prices.

### GROUND BONE (Either Fine or Coarse).

4 lbs. . . . .	15c
10 lbs. . . . .	30c
100 lbs. . . . .	\$2.25

**GROUND BEEF SCRAPS.** Especially prepared for poultry food; not common meat scraps; feed three times a week, at the rate of about a handful to every three birds.

5 lbs. . . . .	25c
10 lbs. . . . .	40c
100 lbs. . . . .	\$3.50

**DRIED BLOOD.** Greatly relished by fowls; mix with the feed at the rate of one part blood to twenty of meal or shorts.

5 lbs. . . . .	25c
10 lbs. . . . .	40c
100 lbs. . . . .	\$3.50

**CHARCOAL (Granulated).** An excellent corrective for the fowls, and keeps them healthy.

1 lb. . . . .	10c
3 lbs. . . . .	25c
5 lbs. . . . .	35c
100 lbs. . . . .	\$4.50

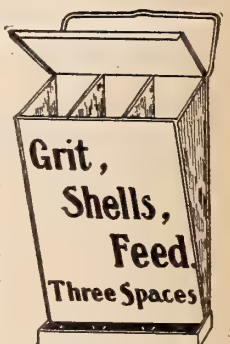
**SANITARY SELF-FEEDING BOX.** Made of galvanized iron. Saves waste; holds four quarts; try it.

Each. . . . .	50c
Per dozen. . . . .	\$5.50
Wood grit boxes. . . . .	25c

### WIRE HEN'S NEST.

This is something that many poultrymen have been looking for, for a long time. The hen can be kept on her nest by the revolving cover, which also permits of examination from the hallway if the nests are fastened to the partition. With these nests it is an easy matter to keep the hens from being bothered with lice, and they are an addition to any poultry house.

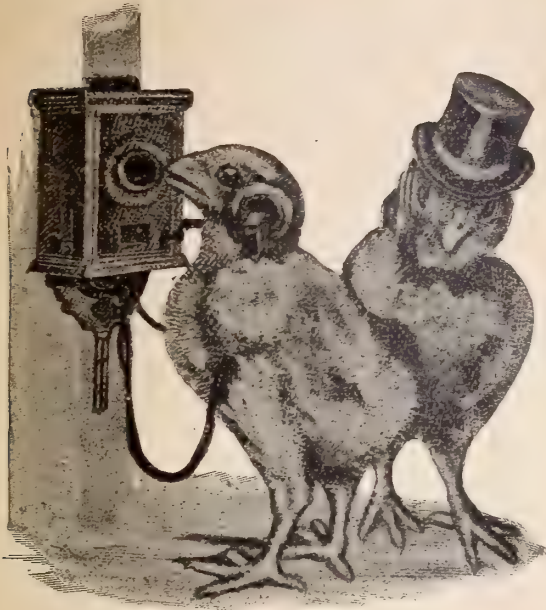
Each. . . . .	35c
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If your hens do not lay, try a package of Myer's Royal Poultry Spice. It makes hens lay. If chickens could talk, they would tell you so.

Price, 35c for 2 lbs.; 75c for 5-lb. bag.





*Please Send us Meyer's Spice of Life for Chicks.*

**THE GREAT SPICE OF LIFE** is nothing more or less than nature's product concentrated and made from the old Myers' formula, which has stood the test of time so long.

These goods have been manufactured in England for thirty years, and sold for the first time by the Harnden Seed Co. in Kansas City. They have given the best satisfaction of any goods we have ever handled, and we recommend it to our customers. Put up and sold as follows:

½ lb. box. ....	10c
2 lb. box. ....	35c
5 lb. bag. ....	75c
25 lb. bag. ....	\$3.50

#### HARNDEN'S CHICK FOOD.

6 lbs. ....	25c
10 lbs. ....	35c
50 lbs. ....	\$1.25
100 lbs. ....	2.25

#### CYPHERS & CHAMBERLAIN'S CHICK FOOD.

6 lbs. ....	25c
10 lbs. ....	40c
50 lbs. ....	\$1.50
100 lbs. ....	2.50

**CAPITOL POULTRY FOOD.** By its use no sick and drooping poultry will be seen. 30-oz. pkg., 25c; 4-lb. pkg., 50c.

**GIVE YOUR HORSES AN INVIGORATING REFRESHER. IT WILL PAY YOU.**

Try Myer's Royal Spice for horses and cattle.

2 lb. pkg. ....	25c
5 lb. bag. ....	60c
25 lbs. ....	\$2.50
50 lbs. ....	4.50

Ask any one who has used this and he will say it's "the best thing ever come to Kansas City."

#### MYER'S ROYAL HOG POWDERS.

**THEY CURE THE FOLLOWING DISEASES:**

Cholera,	Influenza,	Distemper,
Coughs,	Pants,	Costiveness,
Colds,	Fever,	Inflammation,
Worms,	Spots,	Milk Fever,
Hooze,	Measles,	Tender Feet,
Gripes,	Fits, Scour,	Rheumatism.

For growing, breeding, feeding or prize pigs they have no equal.

Sold in packets, 5c each; in boxes, containing 1 dozen 5c packages, 50c.

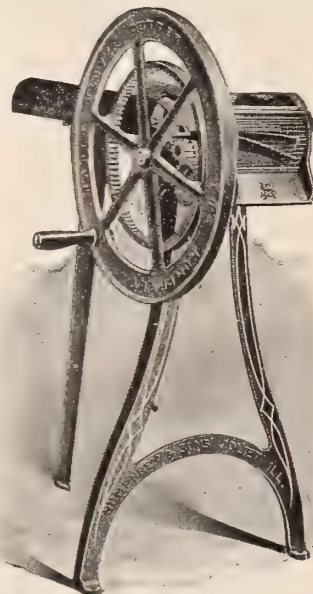
**THE GREAT DISCOVERY FOR RIDING POULTRY OF VERMIN.**

The Least Trouble to Use of any Remedy on the Market. Only Place the Eggs in the Nests, They do the Work.

..Each, 5c; doz., 60c.



China nest eggs, 3 for 10c; doz., 40c.



#### HUMPHREY'S CLOVER CUTTERS.

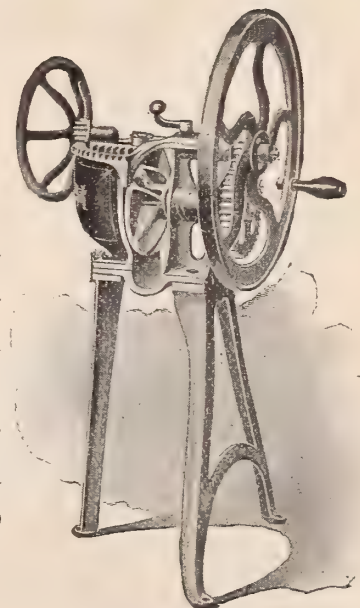
See cut, \$11.00, a first-class machine, made of iron and steel. Cuts clover fine or coarse.

#### HUMPHREY'S BONE CUTTER.

The only bone cutters that are practical vegetable and kraut cutters.

No. 1.....\$12.00

No. 2, half hand and power .....\$15.00



**FLYO-CURO** for the protection of stock from mosquitoes, flies, etc. Best ever made.

1 qt. can. ....	50c
2 qt. can. ....	75c
4 qt. can. ....	\$1.25



# "BONORA," Nature's Plant Food.



Treated with  
"BONORA."

Treated with  
Fertilizer.

These Plants Demonstrate the Results  
Obtained from "BONORA."

Both were the Same Size Before Treatment.

Put up in dry form in all size packages as follows:

¼ lb., making.....	7 gal.	.50
1 lb., making.....	28 gal.	\$ 1.00
5 lb., making.....	140 gal.	2.50
10 lb., making.....	280 gal.	5.00
40 lb., making.....	1120 gal.	20.00
100 lb., making.....	2800 gal.	42.50

Circular and further information on application.

The greatest discovery of modern times, liberally used and highly endorsed by the most prominent growers of the country, good for all kinds of plants, lawns, trees and any place where fertilizer can be used. It invigorates and promotes the growth and increases the crop and causes it to mature earlier. Retains moisture, and enables the plants to withstand drouth. Contains all the elements essential to plant life, compounded in such a way as to give the most beneficial results. If you value your crop, lawn, shrubs, or trees you cannot afford to be without this wonderful fertilizer—"Bonora."

This is used on the lawns of the Capitol grounds at Washington, D. C., and all the prominent places of that city. Pronounced by one and all the greatest fertilizer of the age. A trial will convince the most skeptical, and once using it you will never be without it. It is put up in dry and liquid forms. To use it on your lawns dilute the dry package and sprinkle in sprinkling can. It should be put in a wooden vessel and keep where animals cannot drink it. Sprinkle on plants or lawns in quantities sufficient to reach the roots. Do this twice one week apart, the third application ten days after. You can then judge for yourself if another application is necessary, after you have seen the results of two or three sprinklings.

"BONORA" is put up in liquid and dry form as follows:

1, 2, 5 and 10-gal. kegs.....	per gal.	\$2.00
Half barrels (25 gals.).....	per gal.	1.75
Barrels (50 gals.).....	per gal.	1.50

## Fairmount Weed Killer

**Kills Weeds Scientifically.**

Will Keep Your Paths and Roadways Clear of All Organic Growth and Will Not Injure or Discolor

Marble or Any Kind of Stone

or Gravel.

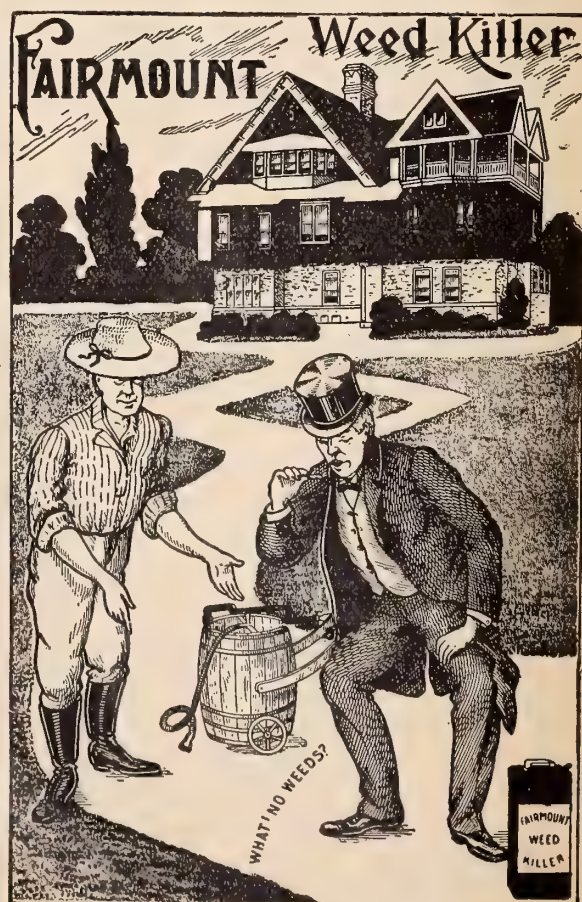
The best time to use it is about 24 hours after rain, so that it will penetrate to the roots.

One gallon of our WEED KILLER will make 50 gallons of treating liquid, and is sufficient to effectively cover 150 square yards of surface. Can be spread over the ground with an ordinary watering can.

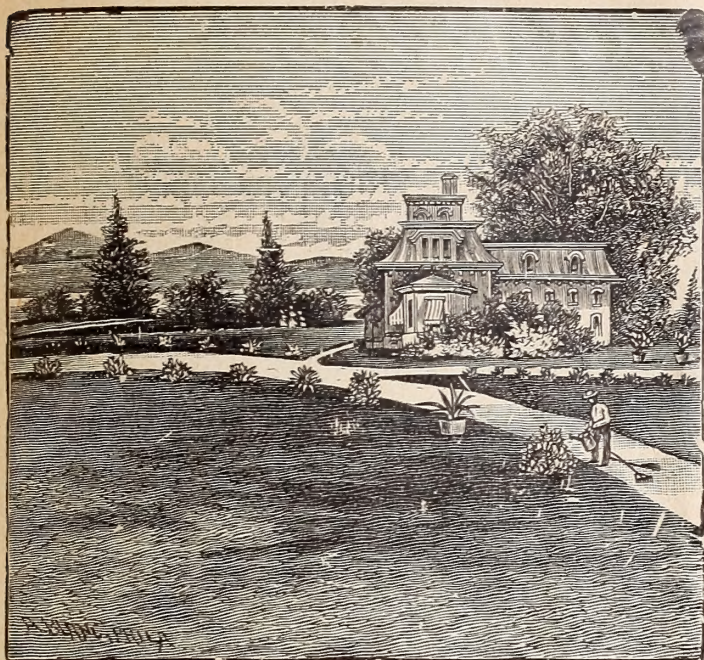
Full directions on every can.

½ gallon tin makes	25 gallons treating fluid.....	\$ 1.00
1 gallon tin makes	50 gallons treating fluid.....	1.50
5 gallon keg makes	250 gallons treating fluid.....	7.00
10 gallon keg makes	500 gallons treating fluid.....	11.00

The Fairmount Weed Killer is used at Elmwood Cemetery. It will need no other recommendation to you if you have seen their beautiful drives and paths, not a weed in them.







### HARNDEN'S EVERGREEN LAWN GRASS.

The seed can either be sown as early in the spring as the ground can be worked or late in the fall. When the young grass is about five or six inches high, it should be mown, and a continual cutting at regular intervals will be found very beneficial.

The seed we offer is as pure and reliable as can be found anywhere, and our Evergreen Lawn Grass is composed of those grasses which form an enduring, velvety turf, mixed in such proportion to enable it to withstand the summer drouth. Per lb., 25c; postpaid, 35c;  $\frac{1}{4}$  bu., 75c;  $\frac{1}{2}$  bu., \$1.50; 1 bu., \$2.50. **FANCY CLEANED BLUE GRASS** for lawns, 1 lb., 20c; 3 lbs., 50c;  $\frac{1}{2}$  bu., \$1.00; per bu., \$2.00.

**FANCY WHITE CLOVER** for lawns, 1 lb., 30c; 10 lbs., \$2.50.

Ask for prices on large lots.

### FERTILIZERS.

**Lawn Fertilizer.** The first application should be made early in spring, or even in the winter, and again in June or July; do this before a shower if possible.

Use 25 lbs. to 1,000 square feet of surface—25 lb. pkg., \$1.00; 50 lbs., \$1.50; 100 lb. sack, \$2.50.

**Land Plaster.** 5 lbs., 15c; 100 lbs., \$1.50.

### ARMOUR'S FLOWER FOOD.

An excellent food for flowers and house plants, insuring a steady growth, healthy foliage and early bloom.  $\frac{1}{2}$  lb. pkg., 15c; lb. pkg., 25c; not prepaid.

### JAPANESE PALM FOOD.

For Palms, Ferns and Rubber Plants; 25c per pkg.; postpaid.

### THE RED CHIEF CORN AND POP-CORN SELLER.

(Patented.)

Guaranteed to do as good if not better work than any sheller on the market. Shells both corn and pop-corn perfectly. Pop-corn attachment easily and quickly applied by removing wheel and axle from hub, putting attachment inside of frame over hub, after which wheel and axle are replaced. Change made in less than one minute. Smooth oval teeth that will not crack grains. Safe to use for seed corn. Cold rolled steel axle with  $4\frac{1}{2}$ -inch bearing on hub gives machine easy and steady motion. Price, \$2.00; with pop-corn attachment, \$2.25.

### PRUNING SHEARS—Henkel's.



Three different sizes, \$1.00 each.  
Pruning shears, common, 50c each.

### SCOLLAY'S PUTTY DISTRIBUTOR, price \$1.00.



**TROWELS**, Steel, 6-inch, 30c; 8-inch, 35c; common, 25c.

**DIBBER**, for transplanting, steel point, 30c, postpaid, 40c.

Jackson Onion Hoe. . . . . 25c



Weeder, Hazeltine. . . . . 25c  
Excelsior Weeder. . . . . 25c

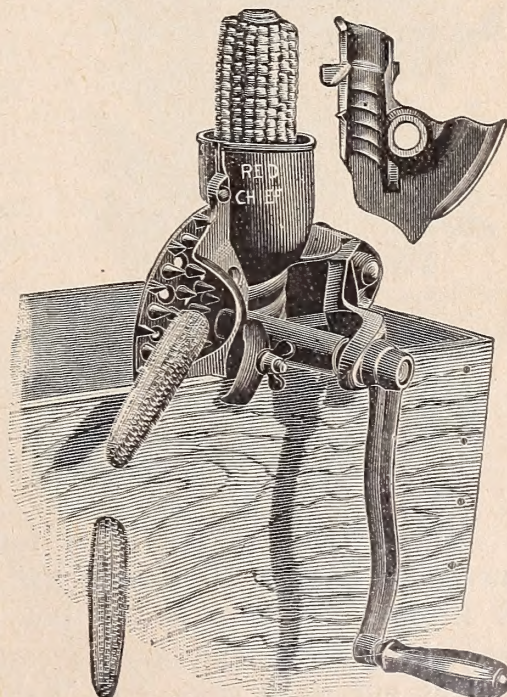
**MOLE TRAPS.**  
Always catches them.  
Each. . . . . \$1.00

### LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH.

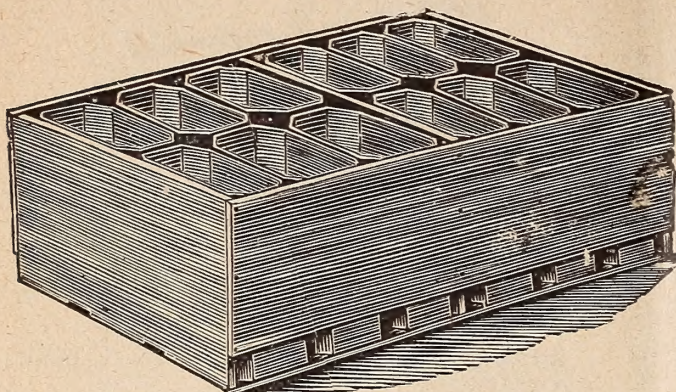


30¢ BY MAIL PREPAID





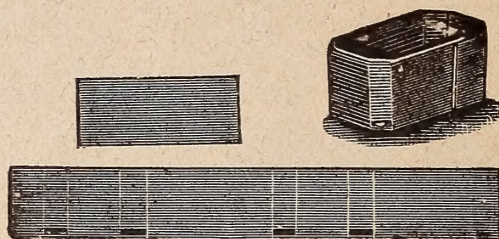
# BERRY BOXES, CRATES, ETC.



Leslie Wine Measure—24-Quart Octagon Straw-berry Box and Crate.

We carry all kinds of baskets, boxes, crates and fruit packages. Berry Boxes come 500 in a bundle. Crates come 10 in bundle, not made up, and cannot be broken, and are priced as follows:

Berry boxes, single....	1000 lots, per 1000..	\$3.00
Berry boxes, five.....	1000 lots, per 1000..	2.75
Crates in lots of 10.....		.85
Crates, per 100.....		7.50



Leslie Octagon Quart Box in Flat and Made.

500 berry boxes sell at 1,000 rate.

500 crates sell at 100 rate.

Berry Box tacks, oz., 10c; ¼ lb., 15c; 1 lb., 40c.

Magnetic hammers, each 25c.

All delivered f. o. b. at express or freight office this city.

If you need Grape Baskets for marketing your fall grapes, write us for prices on 5 and 8 lb. Climax Grape Baskets.

Dirt Bands 3x3x4 for greenhouses, per 1,000..\$2.25

Tree Wrappers, per 100..... .75

Tree Wrappers, per 1,000..... 6.00



## Christmas Trees, Green Wreathing, Mistletoe, Cut Flowers, Wild Smilax, Etc.

If any of our customers, either out of town or in the city, are at loss and do not know where to buy Christmas Trees, Holly, Wild Smilax, Cut Flowers, etc., for Christmas decorations, please remember that we carry a large stock of these in season, and if you will telephone or write us about December 1st, each year, we will select a nice tree and ship it, either by freight or express, on any date you may wish it, or put it aside for you to call for.

We also carry a full line of Flavoring Seeds, Pop-corn and Chille supplies. Telephones 1618 Main, both phones.

## Dutch Bulbs for Fall Planting.

We carry in the fall a full line of Bulbs, Tulips, Hyacinths, Crocus, Narcissus, etc.; also Shrubs, Roses and Fall Plants. This price list is issued about September 1st. If needing anything in this line, please do not forget us, as we can furnish you the very best grades and always carry a large stock. If interested, write for price list, or call at our retail store, 505 Walnut street.



# NITROGEN CULTURE

## Nature's Greatest Fertilizer.

Will Enrich Your Fields and Double Your Crops at  
the Same Time.

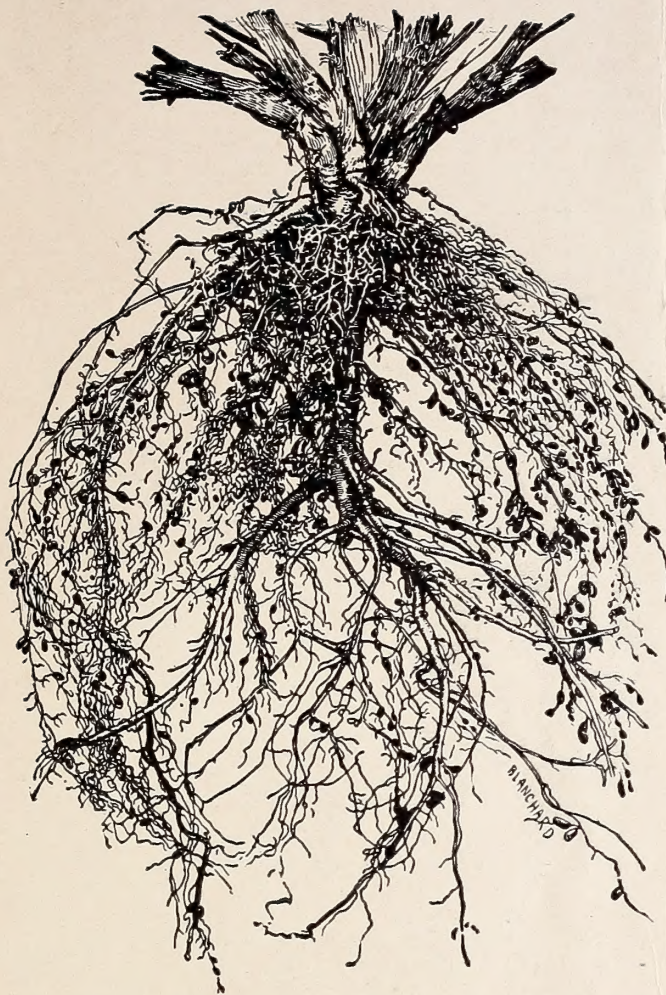
### RELIABLE CULTURES.

The cultures listed in this Catalog are guaranteed to be first-class in every respect. They are prepared by an expert bacteriologist who follows accurately the formula set forth by the Government; the purchaser is thus assured of receiving the best to be had.

### MORE BENEFITS--THE FOLLOWING CROP.

The more nitrogen your alfalfa or clover adds to the soil the bigger the following crop. This is the chief function of Nitrogen Culture. Notice the test made by the Kansas State Agricultural College on crops following alfalfa.

	Original yield. per acre.	Yield per acre after alfalfa.	Per cent of gain.
Wheat. . . . .	15 bushels	30 bushels	100
Oats. . . . .	37 bushels	78 bushels	110
Potatoes. . . . .	52 bushels	81 bushels	75



Cut showing Nodules produced by one stalk of Red Clover. (From Photograph).

### BENEFICIAL NITROGEN BACTERIA.

Alfalfa, Vetch, Peas, Beans, the Clovers and all other leguminous plants grow profusely when the seeds are inoculated with Nitrogen Culture before planting.

Nitrogen is the most important plant food. Nitrogen Culture "goes to the roots," forms nodules on them, and draws free nitrogen from the air to feed the plants and enrich the soil.

### WHAT IS IT? HOW TO USE IT.

Nitrogen Culture is absorbent cotton saturated with nitrogen gathering bacteria, then dried. These dry cultures are accompanied with necessary packages of chemical foods which, when mixed in a solution according to directions, produce vast numbers of bacteria. The seeds moistened with the solution before planting cause the germs to form abundant nodules on the roots bringing profuse growth to the plants and adding nitrogen to the soil.

### PRICE LIST.

Each leguminous crop requires a special bacteria. In ordering, name the kind of seed you wish to inoculate. Full instructions with ever package.

We are ready to supply you with Nitrogen Culture for the following crops, cash to accompany order.

Alfalfa, per acre.....	\$1.50	Garden Peas, half acre.....	\$0.75
Red Clover, per acre.....	1.50	Sweet Peas, half acre.....	.75
Crimson Clover, per acre.....	1.50	Cow Peas, one acre.....	1.50
White Clover or Alsike, per acre.....	1.50	Garden Beans—String, Kidney, Wax, Lima	
Japan Clover, per acre.....	1.50	and Navy, one acre.....	1.50
Burr Clover, per acre..	1.50	Soy Beans, one acre.....	1.50
Vetch, per acre.....	1.50	Horse Beans, one acre.....	1.50
Field Peas, per acre.....	1.50	Velvet Beans, one acre.....	1.50
		Peanuts, one acre.....	1.50

Sample package, 50 cents; five acre package, \$5.00; ten acre package, \$8.00.

Larger amounts quoted on application.



ALFALFA.

Uninoculated. Inoculated.

**THE HARNDEN SEED CO., Kansas City, Mo.**



ONE EACH OF THESE 4  
POPULAR RAMBLERS 2 YEARS OLD \$1.25  
BABY RAMBLER INCLUDED \$2.25  
NOT PREPAID



THE HARNDEN SEED CO.

KANSAS CITY, MO.